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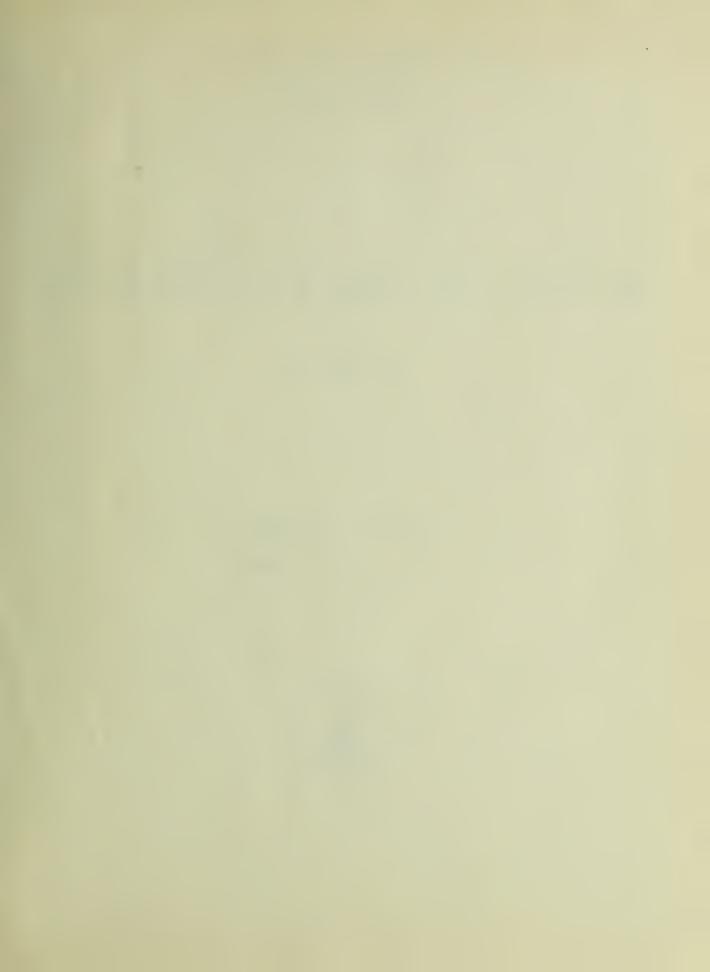
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U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

## CLIMATOLOGICAL DATA

**MISSOURI** 

THE LEWIS OF THE

JANUARY 1953 Volume LVII No. 1



### MISSOURI - JANUARY 1953

H. F. Wahlgren, Section Director - Saint Louis

### WEATHER SUMMARY

January was warmer and drier than normal. The State average temperature was  $35.2^{\circ}$ . This was  $4.4^{\circ}$  above normal. Precipitation was 1.57 inches, or 0.74 inch below normal. Of the past ten months, all except two have had below-normal precipitation. Temperature departures as well as precipitation departures were quite uniform in all divisions.

There was only one "cold spell" worthy of the name. On the 16th, minimum temperatures ranged from  $-10^{\circ}$  at Maryville, the lowest temperature recorded for the month, to  $22^{\circ}$  at Portageville. This was the coldest day of the season. The cold, however, did not persist, and minima for the 17th were again in the 20's over most of the state. On the 13-15th maximum temperatures reached into the upper 50's and 60's over the state, and on the 26th maximum temperatures ranged from the low 70's in the south to the upper 40's in the north portion. Highest temperature recorded for the month was  $75^{\circ}$  at Ozark Beach on the 26th. Otherwise there were no large variations or extremes of temperature during the month.

There was rain on the 2nd; snow in the northeast on the 6th; sleet and freezing rain on the 9-10th; rain, snow and sleet on the 17th with several inches of ice and snow accumulating in the north and west central areas. There was rain in the south, and rain and snow mixed over the rest of the state on the 20th and on the 22-23rd, two to four inches of snow falling in the northern portion of the state by the close of that period.

Farm work was largely confined to routine chores and repairs. Winter wheat continued in fair condition. Although the low temperatures of the 16th found the crop unprotected by snow-cover, the low temperatures did not continue long enough to cause extensive damage. There was adequate moisture in the top soil at the close of the month but the sub-soil was still dry and ponds were low, especially in the north, where some farmers were again hauling water. The mild temperatures were very beneficial to many farmers wintering livestock on poor quality and not too abundant feed, which was due to last summer's drought. Snowfall averaged only 2.4 inches. There were no floods and no severe storms during the month.—AJC

	Wind	direction		Wind m.	speed p. h.		Relati	ive hum	idity ave			Num	ber of d	ays with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30a CST	6:30a CST	12:30p CST	6:30p CST	Trace	.01–.09	.1049	5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
Columbie WB Airport	NW	12	11.2	37	w	15	77	83	70	71	8	5	3	1	0	0	17	40	7.1
Kenees City WB Airport	NNW	13	10.1	40	s	12	78	82	68	69	14	0	1	0	0	0	15	45	6.7
Seint Joseph WB Airport	NNW	19	10.1	38	NW	15	80	84	70	73	9	2	2	0	0	0	13	43	6.8
Seint Louie WB City	NWT	23†	12.5	38	SW	15	81†	84†	73†	76†	12	0	7	0	0	0	19	36	7.8
Springfield WB Airport	SSE	21	13.9	36	S	12	85	88	74	76	2	2	4	1	0	0	9	41	7.1

† - airport data

### COMPARATIVE DATA

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Table 1								CC111	.1 2 1 1 1	.4111	v E D.	71171								
	Т	emperatu	пе	P	recipitation	ас		T	emperatu	10	Pı	recipitatio	n		Te	mperatu	re	P	recipitati	00
Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Āverage	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more
1888 1889 1890 1891 1892	21.5 31.8 33.8 34.1 24.0	74 69 81 74 67	-32 - 2 -19 - 1 -31	2.14 2.53 5.18 1.63 1.87	4.3	6 6 9 6 4	1913 1914 1915 1916 1917	33.1 38.1 29.1 31.6 32.9	74 78 76 72 76	-12 - 1 -24 -24 -10	4.18 1.45 2.88 7.66 1.53	2.6 1.0 5.4 3.4 2.3	8 4 8 12 5	1938 1939 1940 1941 1942	33.1 39.0 15.5 34.7 31.1	75 74 55 70 74	- 9 - 5 -28 0 -24	2.93 2.74 1.35 3.41 1.66	0.3 8.1 12.4 4.4 3.4	6 9 8 11 5
1893 1894 1895 1896 1897	22.5 31.4 24.7 32.9 28.4	66 77 78 71 72	-14 -35 -22 - 9 -16	0.45 2.48 1.66 1.19 5.24	2.4 2.7 9.4 3.1 4.0	3 5 5 4 8	1918 1919 1920 1921 1922	16.4 34.0 28.6 37.1 29.5	67 70 72 74 66	-24 -23 - 5 - 1 - 6	1.72 0.44 1.72 1.88 1.33	16.6 1.4 5.7 5.4 3.9	7 2 5 6 5	1943 1944 1945 1946 1947	31.1 35.7 30.0 33.8 34.9	81 77 65 71 79	-23 - 6 -12 -15 -28	0.39 0.63 1.08 3.12 1.30	3.0 1.3 5.4 0.8 3.5	4 4 7 8 6
1898 1899 1900 1901 1902	34.3 30.2 34.5 35.0 30.1	75 70 77 72 72	-10 -21 - 9 -11 -17	4.11 1.93 1.28 1.31 1.36	8.4 4.0 0.2 0.8 6.9	9 6 4 4 5	1923 1924 1925 1926 1927	39.2 24.9 29.7 32.7 30.8	75 68 65 70 73	3 -25 -15 -20 -24	2.58 1.59 1.05 1.93 3.05	0.6 5.7 4.7 4.2 3.6	6 7 4 6 6	1948 1949 1950 1951 1952	25.7 30.9 35.7 32.6 36.0	73 73 85 79 78	-22 -24 -15 -12 - 8	2.24 6.37 5.52 2.28 1.35	7.5 7.2 2.1 2.6 2.0	6 13 11 7 5
1903 1904 1905 1906 1907	31.4 27.0 22.3 35.6 34.3	73 66 72 77 79	-11 -23 -19 - 8 - 5	1.49 3.01 2.04 3.44 5.04	5.0 7.4 6.8 9.2 2.8	6 8 8 6 12	1928 1929 1930 1931 1932	33.3 25.1 20.8 36.0 36.4	77 72 73 76 73	-18 -13 -31 - 5 - 7	0.97 3.51 4.62 0.74 3.56	0.5 6.8 13.0 2.0 1.0	3 8 10 4 9	1953	35.2	75	-10	1.57	2.4	6
1908 1909 1910 1911 1912	34.4 33.7 32.3 34.6 20.0	68 83 78 78 70	-10 -20 -24 -19 -36	1.67 2.36 1.82 0.84 1.22	3.6 6.5 3.5 0.7 6.5	5 7 5 5	1933 1934 1935 1936 1937	41.4 36.1 33.0 24.4 28.5	72 71 71 74 70	8 - 6 -12 -25 -15	2.56 1.34 2.57 1.01 6.38	0.5 1.5 0.5 7.6 4.3	6 5 7 7							

Averages for the period 1949 to date have been weighted eccording to area and are not comparable with unweighted values published in this table for earlier years.

					Ten	рега	ture	,								F	recip	itation				
					-						No.	of Day	Œ.		-			Snow	Sleet. H	lail	No.	of Day
Station		Average Maximum	Average Minimum	Avetage	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Max.		0° or Below	Total	Departure From Normal	Greatest Day	Date	Total	Max Depth on Ground	Date	or	.30 or More
NORTHERN DIVISION																						
Albany Amity Bethany Brookfield Brunswick		38.0 38.7 38.0 40.0 39.5	19.8 20.7 20.1 22.1 22.8	28.9 29.7 29.1 31.1 31.2	4.3	54 57 55 63 63	15+ 15 12+ 12 16	- 3 1	16 16 16 16	1109 1084 1107 1046	0 0 0	7 31 8 30 6 30 6 30 7 28	1	.16 .14 .22 .74	67 -1.41 97 73	.13 .06 .11 .38	6 18 6+ 17 24	3.7 3.0 6.0	3 2 3 4 4	6 1+ 6+ 17 18	2 4 2 5 4	0 0 0 0 0 0 0 0
Canton L & D 20 Carrollton Chillicothe Radio KCHJ Columbia WB Airport Columbia U. of Mo. 9 NW	E.	37.3 40.4 40.0 42.6 43.0	21.8 22.4 21.8 25.9 25.1	29.6M 31.4 30.9 34.3 34.1	2.2 6.5 4.5	62 62 63 66 65	12 12 12 12 12	2 0 9	16 16 16 16	1094 1035 1050 943 952	0	8 5 29 5 31 4 27 4 29	0 0 1 0 0	1.11 .65 .23 1.36 1.28	83 -1.25 44	.48 .32 .11 .72	24 17 17 23 23	6.0 5.1 4.1 2.5	3 2 3 2	17 17 24 23	9 5 4 9 4	0 0 0 0 1 0 1 0
Conception Edgerton		38.2	19.8	29.0	4.3	53	15+	- 7	16	1107	0 1	1 30	1	E .21	58	.10	6	2.5	2	6+	3	0 (
Elsberry Fayette Fountain Grove Wildlife		42.3 41.6 40.6	25.7 24.5 16.5	34.0M 33.1 23.6	2.4 6.1	63 65 60	14+ 12 12+		7 16 16	983 1124	0	4 25 5 29 6 30	0 0 1	1.21 .99 1.31	96 80	.40 .56 .36	17 23 23	2.5 3.4 12.2	2 2 3	6 23+ 17+	7 5 6	0 ( 1 ( 0 (
Fulton 4 SW Grant City Hannibal Waterworks Kansas City WB Airport Kidder	R	41.5 36.6 38.8 43.0 38.8	25.0 19.7 22.6 25.9 20.4	33.3 28.2M 30.7 34.5 29.6M	3.8 3.4 3.6 4.5 3.6	64 53 62 64 59	16 29 15 15	- 6 7	16 16 16 16	1140 1053 937 1084	0 1 0 0	6 27 2 31 7 29 5 27 7	0 1 0 0	1.40 .31 1.03 .19	62 66 69 -1.24	.46 .18 .45 .19	2 6 23 17	2.5 4.0 3.7 2.7	3 1 3	6+ 6+ 18	7 3 7 1	0 0
Kirksville Kirksville AP CAA 7 S		36.9 37.5	19.7 19.4	28.3 28.5	3.5	60 61	12+	- 2 - 2	16 16	1129 1127	0 1	1 29 9 29	1	.92	60	.31	17 17	5.6	3	18	5	0 (
Lathrop 3 SW Louisiana Starks Nursery Macon		41.4 38.4	25.5 22.0	33.5 30.2	5.4 2.7	63 61	15 13+	6 5	7 16+	967		6 27 9 28	0	.77	93	.35	24	6.0	3	24	6	0 (
Maryville Memphis Mexico Moberly Radio New Florence		33.9 36.1 41.4 39.4 41.5	17.3 19.3 24.4 23.3 25.6	25.6 27.7 32.9 31.4 33.6	2.7 3.7 4.9 3.4	49 61 64 64 65	30 13 16 12 15	- 1 9 8	16 16+ 16 16	1214 1038 968	0 1 0 0	4 31 2 29 5 28 6 29 7 27	0	.59 1.07 1.44 .90 1.60	41 46 59 86	.39 .49 .43 .64	15 24 24 23 17	2.3 9.5 2.2 5.5 6.0	3 4 2 4 1	1+ 17 6 23 2+	4 4 8 3 6	0 0 0 0 1 0 1 0
Oregon Princeton Saint Charles Saint Joseph WB Airport Sallsbury	R	37.7 40.4 44.0 39.6 40.7	21.5 18.6 29.3 22.1 24.0	29.6 29.5 36.7 30.9 32.4	5.5 5.7 3.8	57 62 65 59 62	12 14 14+ 15 12+	12	16 16 16 16	1088 1094 872 1048 1005	0 0	2 29 5 30 4 24 9 30 5 29	0	.04 2.09 .24 .82	89 06 91	.04 .70 .11	20 17 17+ 23	1.5 2.0 3.4 6.7	2 2 2 3	1+ 6 18 23	1 8 4 4	0 ( 1 ( 0 ( 0 (
Saverton L & D 22 Sbelbina Steffenville Tarkio Trenton		39.6 41.2 38.5 38.6 39.9	26.0 22.6 23.1 19.5 21.0	32.8 31.9 30.8 29.1 30.5	4.5 3.4 6.2 4.2	63 64 62 55 62	15 13 12 15 12	7	16 16 16	989 1017 1053 1105 1064	0	7 27 5 29 8 28 7 31 5 30	0	.93 1.06 1.03 .25	98 47 98 49 96	.32 .51 .45 .13	24 23 24 15 18	2.5 5.8 6.5 3.0 6.0	2 4 3 3 3	6 23 24 1+ 18	9 5 8 2 3	0 (0 1 (0 0 (0 0 (0
Unionville Vandalia Warrenton 1 N		36.1 41.7 43.1	18.4 24.6 27.3	. 27.3M 33.2M 35.2M	3.8 6.0	59 64 67	14 12+ 14+	9	16 16 16	1177 983 928	0	3 6 26 8 25		1.20 E1.77	42	.41	24 2	2.5	3 2 1	18+ 6+ 6+	5 <b>7</b>	0 (
D1V1S1ON				31.0	4.2									0.84	75			4.4				
SOUTHWESTERN D1V1S1ON																						
Anderson 1 SW Appleton City Bolivar Boonville Waterworks Butler		53.7 46.1 48.5 40.8 45.6	25.2 26.0 28.3 24.3 25.8	39.5 36.1 38.4 32.6 35.7	3.6 4.8 4.5 3.5	72 68 67 65 66	26 14 14 13 14	7 8 7	16 16 16 16+ 16	786 890 819 901	0 0	2 25 3 29 2 24 7 27 4 29	0 0	1.56 1.37 1.86 1.04	97 47 07 68	1.07 .78 .94 .50	23 23 23 24 23	3.0 1.2 2.6 6.3	2 1 3 3	23 23 24 17+	4 4 7 5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Butler AP CAA 2 N Camdenton Caplinger Mills Carthage Clinton 1 NNW		44.5 47.5 48.8 50.2 43.3	24.4 25.6 28.5 23.9	34.5 37.2 39.4 33.6	1.9	66 69 69 66	14 14 14+ 15	8 9	16 16 16 16 17	940 853 788	0	5 28 2 27 3 26 8 29	0	1.74	18 -1.04	.22 .95 .93 .31	1 23 23 23 23 2	2.7	2 1 2 0 3	24 17+ 23	5 5 4 4 4	0 ( 1 ( 2 ( 0 ( 0 (
Eldon Harrisonville Hermitage Jeff City KWOS Joplin AP CAA 4 N		45.8 44.1 47.8 44.4 48.6	27.4 23.8 22.6 26.0 30.0	36.6M 34.0 35.2 35.2 39.3	5.5 6.7 5.4 4.4	65 63 67 66 69	12 12+ 14 13 14	6 9	16 16 16 16	864 957 917 916 789	0	4 27 4 29 2 30 4 27 3 24	0 0	1.75 .26 1.13 1.26 1.13	01 -1.31 72 -1.03	.92 .09 .45 .40	23 18 2 2 2 23	2.0 4.5 .7 2.0	1 T 1	2+ 17+	5 4 4 7 6	2 0 0 0 0 1
Kansas City U. of K. C. Lakeside Lamar Lebanon 1 ENE Lexington		43.7 45.8 45.8 47.2 39.3	24.4 25.6 23.9 28.1 23.5	34.1 35.7 34.9 37.7 31.4	2.3 2.7 2.8 5.2 3.6	63 68 <b>70</b> 66 62	12 31 15 26 13+	9 6 6	16 16 16+ 16 16+	950 839	0 0	5 27 5 29 5 28 2 25 9 28	0	1.94 .75 1.97	24 -1.08 67 -1.05	.66 .45 .73	23 24 17 24	.3 2.0 4.9	0 2 2 2	24 24 18+	6 2 6 5	2 0 0 0 0 0
Lockwood Marshall Marshfield Monett Mountain Grove 2 N		50.1 47.7 49.4 47.5	28.7 27.9 29.0	39.4 37.8 38.3	6.1 5.5	69 65 69 69	26 26 15 26	5 10	16 16 16 16	787 840 820	0	3 24 3 25 2 24	0	1.49 1.14 2.00	37	.63	23 23 23	1.0	Т	24	4 3 4	1 (
Mount Vernon 3 SW		48.9	28.6	38.8	5.5	69	14	9	16	307	0	3 24	0	1.97	74	1.44	23	1.5	1	23	3	1 :
Neosho Nevada Ozark Beach Sedalia		53.5 53.5 43.8	28.4 26.9 26.5	41.0 40.2 35.2	5.9 8.8	72 75 64	26 26 12+	12	16 16 16	919	0	2 25 0 25 4 25	0	1.72 1.23	-1.15 -1.25 -1.02	.79	23 23 24	.3 4.5			3 8	2 0
Seligman Seymour 4 NNE Springfield WB Airport	R	51.9 47.0 47.0	29.9 21.0 28.2	40.9M 34.0M 47.6	5.8 0.0 4.9	69 70 66	14+ 26 26	8 3	16 16 16	738 969 841	0	3 23 3 4 24		.98 1.58	-1.81 -1.01 41	.48 .79 .79	23 23 23	1.0	1 1 1	24 24 23	3 5 7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

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TARLE 2 . CONTINUED

TABLE 2 CONTINUED																			JAn	UAR'	1 1	955
				Ten	pera	ture	, ,							<b>,</b>	F	recip	itation					
										N	o. of I	Days					Snow.	Sleet, H	lail	No.	of D	ays
Station	Average	Average	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Ma Abova		Min.	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
Sweet Springs Versailles Warrenshurg Central T. T. Warsaw No. 1 Wasola	43.8 43.8 43.7 48.3 50.8	23.5 27.0 25.1 29.2	33.7 35.4 36.7 40.0	6.7 3.8	64 65 63 66 73	12+ 12 14 12+ 26	5 1 8 1 6 1 9 1 8 1	16 16	966 911 870 767	0 0 0 0	5 5 2	29 (27 (26 (30 (23 (4)	.79	99 88	.32 .20 .45 .78	17 24 24 23	7.5 3.0 .3	3 2 3	23 24 24	6 5 3	0 0 0 2	0 0 0 0
Waynesville 2 W Windsor 3 NW	49.5 44.1	24.7 25.1	37.1 34.6		70 64	26 14	5 1	16 16	857 936	0		29 (			1.26	23 2	2.0	1 2	17+ 24	5 6	0	1 0
DIVISION			36.6	4.8									1.35	74			2.4					
SOUTHEASTERN DIVISION														-								
Advance 5 ESE Arcadia Birch Tree Black 6 NW Camphell	47.7 45.0 48.2 46.6	30.3 27.9 29.4 22.8	39.0 36.5M 38.8M 34.7	4.7 4.6 4.3 2.1	65 70 69	15+ 26 26			799 879 811 932	0 0 0 0	1 1	21 (24 (23 (27 (27 (27 (27 (27 (27 (27 (27 (27 (27		98	.96	17	T .0 .1	0 0 0 1	17	10	2	0
Cape Girardeau Mo. State Caruthersville Charleston Clearwater Dam Crystal City 1 N	46.8 52.6 48.9 47.7 46.2	32.1 34.4 33.5 28.7 28.8	39.5 43.5M 41.2 38.2M 37.5M	4.4 6.1	65 68 67 70 69	15+ 15+ 15 26 14+	17 1 21 1 13 1 13 1	16 16	774 667 730 823 837	0 0 0 0	0	19 ( 17 ( 24 ( 23 (	3.17 4.11 2.31	-1.19 -2.02 35	.88 .93 1.05 .72 .44	8 8 23 23 17	T .0 T T 1.0	0 0 0 T	17+	11 8 12 9	2 3 4 2 0	0 0 1 0 0
Doniphan Farmington Farmington AP CAA Greenville 4 NNW Houston	51.2 44.5 43.7 48.7	29.5 29.9 27.7 31.1	40.4 37.2 35.7 39.9	4.6 4.6 4.9	71 66 66 70	26 26 26 26	16 12 11 16	16	754 853 899 769	0 0 0 0	2	24 (	2.33	-2.30 81 -1.12	.55 .81 .85 .78	17 8 7 23	.0	O T T	3+ 3+	10 12 11 10	1 1 1	0 0 0 0
Jackson Koshkonong Licking 4 N Walden AP CAA 4 NW Warble Hill	47.1 49.8 44.5 49.5 48.5	31.8 33.6 23.1 31.2 30.2	39.5 41.7M 33.8 40.4 39.4	5.7 5.2 .7 4.8	66 72 67 68 68	26 26+ 27 15 26		16 16	785 711 756 787	0 0 0 0	0 5	19 ( 28 ( 20 ( 21 (	2.31 1.55 3.06	-1.43 -1.31 42 -1.30	.87 1.18 .71 .97	23 23 17 23 23	T .0 .4 T .0	0 0 T T	17+ 16	11 4 6 9 6	2 3 1 2 3	0 1 0 0 0
Perryville Poplar Bluff Portageville Rolla School of Mines Saint Louis WB Airport R	45.8 50.3 52.0 44.0 42.4	30.1 33.9 28.5 28.1	38.0 43.0M 36.3 35.3	4.4	67 68 67 68 64	26 27 26 27 15	14 22 7 12	16 16	833 680 914	0 0 0 0	0			-1.70 39	.88 .92 1.03	8 23 16 2	.0 .0 1.0 1.6	0 0 1 1	17 6+	10 9 8 8	1 2 3 0	0 0 2
Saint Louis WB City R Saint Louis University Saint Louis Washington U. Salem Sikeston	42.7 43.3 42.0 45.0 46.8	29.4 30.3 29.0 27.0 30.8	36.1 36.8 35.5 36.0 38.8	2.8 4.8 4.7 3.4 1.8	64 65 64 70 68	15 15 16 27 16	12	16 16+	890 866		5 5	22 23 26	1.88 1.83 1.87 1.53 4.46	44 77 .23 -1.19 40	.47 .61 .45 .55	23 23 17 17 8	2.3 2.0 .5 T	2 T	6 6+	7 8 10 7 9	0 2 0 1 5	0 0 0 0 1
Sikeston Crop Exp. Farm Union 1 SE Vichy AP CAA 2 NW Wappapello Dam Webster Groves	48.0 44.5 44.2 46.6 42.5	32.5 28.7 26.8 30.1 26.0	40.3 36.6 35.5 38.4 34.3	3.2 4.4	66 68 67 65 64	15 26 26 16+ 15	20 11 7 19 10	16 16+	763 873 906 947	0	2 6 1	24 25 24	4.51 2.35 2.72 2.36 2.01	.03	1.40 .73 .96 .85	23 17 2 23 23	3.0 .0	0 1 2 0	17+ 24	9 7 11 5	4 2 2 2 3	2 0 0 0
Weingarten West Plains Willow Springs	44.7 48.9 47.9	28.7 28.1 28.2	36.7 38.5 38.1M	4.5	67 72 71	26 26 26	11 13 10		870 814 824				2.59 2.12 1.81	86 -1.37	.67 .75	23 17	T T	0 T 0	23	8 8 8	2 2	0 0 0
DIVISION			38.0	4.2									2,49	- ,74			.5					
STATE			35.2	4.4									1.57	74			2.4					

Table 3																		_													TELA	
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12		y of m	onth 15	18	17	18	19	20	21	22	23	24	25	28	27	28	29 3	30	31
AOVANCE 5 ESE ALRANY	2.71		Т				.13	.06	.77								.73	.44		-4	*^5		T	.46	.03			.06			1	.06
ALTON 6 ENE AMITY ANDERSON 1 SW	1.85 .14 1.56	Т	•03	Т			•02	.45	т	Т								.50 .04	.96 T		* 02	80		1.97	• 12				, O			
ANNAPOLIS 7 SW APPLETON CITY	2.42		•13					т	.85								.05	.45	7		e O 3	.03		.78	a 0 7				. 25			
ARCADIA AUXVASSE AVA RANGER STA	1.45		•23 •20 •02				•98			• 12						-	-	.25 .76	- 1		•26 T			.48 .84 .74								
RELLEVIEW BERNIE	1.24								•41 ,94								.04					. )		. ±8 6.6					.23			. 4
RETHANY RIRCH TREE RLACK 6 NW	2.14		•48			T	•11	-	• 32	т	т					.24	•20	•76 •52	*11 T		3			.48	. 3			.04	.54			
RLOOMFIELD ROLIVAR ROONVILLE WATERWKS	3.23 1.86 1.04		•49				Т	.07	e 85	T T					т		.51 T	.40 .41	•12		.17	.10		. HO	. 70		·: •	Ŧ	* . *			
ROWLING GREEN RRAOLEYVILLE	1.36	-	.08		-	-	.09	-	-	-	-	-	-	-	-02	-	_	•45	-	-	:16	.17	-	.08	.21	- 4	nya.*	at	-	-	-	-
RROOKFIELD RRUNSWICK BUFFALO	.74 .86 1.39		• 31				•05							•02				.38 .20	.14		•10 T	. 1	447	.19 T	. 48							
RUNKER RURLINGTON JUNCTION	1.58		•16		-	-	~	-	· ° 7	T -	-	-	-	-	-	-	- 12	.48	-	-	-	-	-	.73	*1°	-	-	-	• 55	-	-	-
BUTLER RUTLER AP CAA 2 N CAMDENTON	.89 .62 1.81	•22	•26 T	• 35	т			T T	r T	T						r	. 05 T	•18 •11 •41		T T	•03 7 •06		•03	.41 .21 .45	.04				T			
CAMPBELL CANTON L AND D 20	1.11	-	Ť	-	-	Ť	•07	•03	Ť	<del>-</del>	7	т	~	-	.01	-	T	.18	.08	-	.10	-02	-	.26	. 48	-	-	-	7	-	-	-
CAPE GIRARDEAU MO ST CAPE GIRARDEAU CAPLINGER MILLS	2.79 2.58 1.74		•18 •65	T	•11	٠.		•10 •02	.88 .91	Т	т						.08 T	•41 •21 •13	.35		•02	T	Ŧ	.76 .50 .93	.20			.09	.74			.02
CARROLLTON CARTHAGE	• 65		•22				• 02		Ť									• 32		.02	•10		Т	.19	. 28							
CARUTHERSVILLE CASSVILLE RANGER STA CENTERVILLE	3 • 17 1 • 78 2 • 27		•02 •10 •15						•93 •76	Т	Ŧ					Т	.70 T	•12 •46	.16			.12		.67 1.10	. 45 . 0				· ^?			τ
CENTERVILLE RANGER STA	2.36		•21 •05	Т		•15			•73	• 03							.06	.49		.16	.01	•03	. ??	.46	.06				. 28			
CHADWICK CHARLESTON CHILLICOTHE 2 S	.99 4.11 E .34		•03	Т		т	•06	•07	•97							.04	e 0.7	.6/	.08	E. 10	•16	• 15	**5	. 62	.26			•12				
CHILLICOTHE RADIO KCHI CLEARWATER DAM	•23 2•31		•15	Т			•02		•63							Т	.11	* 1 s	.02	T	.16	• 0 -			• 7B			Т	*11.5			
CLIFTON CITY CLINTON 1 NNW COLOMA	1.44	1 -	•20 •40	_	_	-	-	-	_	_	_	_	_		-	_		176	.C1,	-	-	-00	_	.26 .28	.64	_		_	_			
COLUMBIA WB AIRPORT R COLUMBIA U OF MO 9 NW.	1.36	•09	†11 T		Т		T	Т	T	т				T	•03	. 5	* C.2	.16		* 3 T			. 14	• 7				7				
CONCEPTION CONCORDIA COOK STATION	E •21 •75 1•79		T •40				*10 T			т					T			€+05 +23 +67	. 7	Y	•06 •08 •0			. 26								
CRANE MOUNTAIN CROCKER	2.50	т	•14						•91	т							7 3	.64				•11.7		.04					. 26			*
CRYSTAL CITY 1 N CURA OEERING	1.94 2.52 2.77		•38 •58	• 32	1		•09	*01 T	.76	т	Т						.69	.86 .11	٧		.05	*1^ *1^		.79	.78 .25			• 13	7			
OE SOTO DEXTER	2 • 05 3 • 62		•24				•04	•02	•14 •93							0.7	.60	• 37	.09			• 22	*	.18	. 43 . 26			.:0	.35			•1.5
DONIPHAN DONIPHAN 2 W EAST ENO	2.15		- 25				840		.38							•03	• 0 F • 30	•55 •45 •50			.15	. 1 -		• →6 -	• 11	• 710		• . 0	-111			
EDGERTON EDINA FLDON	1.75	-	•50			,	• 05	•02							T		-	.20	. 37	• 02	.2	- 1			* 10							
ELOORADO SPRINGS ELIJAH ELLINGTON	1.55		.10				- 1	Т	.73	Т								•12 •72 •60	.15		٦٢			, 1/3 , A.s.	e ~			. 18	.20			
ELL'SINGRE FL'SRERRY	2.31		.01	•03			.18	T	.56							•05		.40			.08 T	-011		.00	• 10			• "	48.9			
FAIRFAX FARMINGTON FARMINGTON AP CAA	T 2.33 2.27	T	•15	•08	1		•02	T • 85	.81	T T	•01 T	, т				T .05	.02		•02	T .01	T •174	. 1	т	.31				. 17	. ?e			τ
FAYETTE F1 K	2.98		•04			.04	T	Т	T .93							T	•05	.28	т	•02	•04	.21		- 10				Ì	T . ? r			- 75
FORSYTH FOUNTAIN GROVE WILDLIFE FREDERICKTOWN	1.31	-	- T	- 14	-	-	- -10 T	- 10	T 1•42	T	-	-	-	-	-		-17	-	- • 25	_ T	. 25	T	-	.36	.08	-	-	Ī	**0	-	- 1	-
FREMONT TOWER FULTON 4 SW	2.31		T •46	T •01					.70								.03			т	•17	.02		.05	.06	т	Т		• 12			
GALENA GALLATIN 2 NE GERALD	1.63		1.47				•04											.34 .06			T .18			T	1.27							
GRANRY GRANT CITY	2.19		•43				•18											.28	т		.08			1.12	.36							т
GREENVILLE 4 NAW GREGORY LANDING GROVESRRING	1.05	Т	•02	Т		Т	.10	.02	1 • 95	т	т				т		.10	•10 •65	.10		.20	.03 T		.7R .08	•10 •45 •37			۰	.20 T T			
HANLIRAL	1.53		•10				.15	Ţ	Ţ	Т					т			.10	.18		•22	т	т	1.07	т			Т	Ť			
HANNIAL WATER HORKS HARRISONVILLE HAZLEGREEN 2 W	1.03 .26 2.10		.07		Т	• 01	.10	Ť	Т						• 02		т	.19 .06	.09	Т	.19	2.1		.55	•08			Т				
HERMITAGE	1.71		•58 •45				•05			Ť	Т					_		.16	_		_	- 21		.40								
HOUSTON JACKSON JEFF CITY FWOS	2.51		.40	T +01	-	_	T	.01	.77 T	-	T	-		-	т	-	.02 T	.39		-	.03	.04	ĺ	.87	.77		-	•07	.23			.01
JEEFERSON CITY JEROME	-9B		.54	.17					Т	т							•01	•50			.05	.03	1.2	.17								
JORLIN AR CAA 4 N KAHOVA VANSAS CITY WA ART R V C UNIV OF V C	1.13	*17	•01 T			т	.08	т	Т	T				т	т	т	•11 T	.02	.18	т	. 22 T		. 17	.65 .12 T								
FFYTESVILLE 4 NE KIDDER	.95			_	-	-	•15	_		_			_		_	_	_	.40	_	-	_		_	.40				_	_	-	_	_
VING CITY VING CITY VING CITY VINVSVILLE VIN	.92		т	т	т	т	.04	т	- T	_ _ T	т	-	-	т	- •03	- T		.31	-	- 10	-	-	- т	.30	-	-	-	- T	-		-	-
FOSHFOMONG  LA BELLE	2.31		٠				•25	T	. 52 T								T	.60			. 75			1.18	.01							
LAVESTOF LAMPE FOUFST SERVICE	1.94		.52	T		т											Т	.35 .T	T		.09	• 03		.66 T	. 45				Т			
LATHROP 3 SH LERANON 1 ENF	1.97	-	- 31	-	-		-	-	_ T	_ T	-	-	-	-		- '	-	- 73	- T	-	- T	.03	-	.57	. 33	-05	-	-	- T	-	-	-
Feeben	1.91		•02						+62								•09	• 37	.05			. 05		.53	-11				•12			

MISSDUR1

Table 3-Continued																													JANUAR'	SSDUR Y 195	
Station	Totol		0	. T	. T.	Т.	9	0	0	10	,, T	10		of m		16	17	10	19	20	21	22	23	24	25	26	27	28 2	29 30	31	
LEXINGTON	.47	1	2	3	4 5	6	7	8 T	9	10	11	12	13	14 T	15	16	.08	.13	19	.03	21	22	23	• 21	25	20	27	20 4	9 30	31	-
LICKING & N LINNEUS 2 S LOCKWOOD LOUISIANA STARKS NUR	1.55		.40	•01		.05									т	Т	.71 .20 .60	•29	-	.03	T		.40 .12 .63	•10				.07			
LOUISIANA LUCERNE MACEOUNIA LOUNOUTS MACON MAUTSON	1.44 .52 2.72 .77 1.16		.04 .07	•06	т	.11 .11	T .06	T .52	.01	Т				+03 T	.17	T	.40 T .48 .12	.06		.16 .07 .16 .11	.05	Т	.11 7 1.11 .09	.02 .35 .62			•09	T . 04			
MALOEN AR CAA 4 NO MANSFIELD MARBLE MILL MARSMALL MARSMIELO	3.06 1.92 2.57 - 1.14	-	16 .05	-		т -	.65	T •77	-	-	-	-	-	-	- 48	.05 .20	.40 .37 -	-	-	•05 -	т –	T -	.97 .91 .90 -	•06 •48	-	-	- 18	• 55 -	т -	*1	
MARTINSHURG MARYVILLE MEMPHIS MERCER 6 NM MEXICO	1.47 .59 1.07 .67		.73			•10 •10 •01 •13 •10	•22	T • 05	т						T •39	•04	.16 .05 .35 .36	.09	т	.25 .05	.03	Т	.09	.50 .49							
WIOOLEYOWS S NE HILAN HOTERLY RADIO ENCH HOTERT HONROE CITY	.61 .90		.79	.06		- •18 •02							•09		т		.49 T .24	.25		•27 •18	.07	T •40	.64 1.19	.36							
WOREHOUSE  WELLE  WOUNTAIN GROVE 2 N  WOUNT YERNON 3 SW  NE SMO	3.94 2.40 2.00 1.97 1.32		• 12 • 15 • 18	• 30	•30	•20	•02 •20	1.15	τ						•72 T	т	.58 .30 .56 .38			.04 .40 T	.04		.90 1.44 1.10	•13 •30 •42			.09	.36 T			
NEW ROSTON NEW ROSTON NEW FLORENCE NEW MAJRIO NOV MGER 1 E	- .76 1.60 4.33		- ·42	T	т т 	•10 •06	- T T	T 1.03	- T -	- T T	-	-	-	-	- T T	- 1:11	- •20 •50 •15	- 08	- т -	- •12 -	- 54	- T -	- •17 •40 •61	- •15 •10 •68	-	-	-	- .06 T	 <u>r</u> -	-	
OATES TOMER ODESSA OREGON OSCEOLA 3 NE ONENSYILLE	E .57 .04 1.53		T34	-		т -	-	т -	-	-	-	-	-	-	-	- T -	- T T •12	- •15 •03	- T	- T •04 •03	- 02	-	- T •53	- •22 •46	- E •20	-	- т -	-		-	
OZARK OZARK BEACH RACIFIC PALWYRA RARIS	1.55 1.72 2.46 1.26		•52	• 42		•10 •11	т _	_	_	-	_	-	_	Ţ	_	_	•33 •78 •59 •21	.10 T	-	<u>.</u> 16	-21	_	.95 .79 .22 .18	• 17 • 15 • 40 • 60	_	_	_			_	
PARMA RERRYVILLE PIERCE CITY PLEASANT HILL ROLO	4.02 2.68 1.52 .62 .23		T •10 •12	•20		•03	T T	1.03	Т	т						•71 •15	.48 .29 .41 .02	.04		.10	.11	.38	.76 .18 .60	.80 .41 .20				•13 •47		Т	
ROPLAR RLUFF RORTAGEVILLE RRINCETON RUXICO OULIN	2.72 3.58 - 2.69 3.21		.01 .02	Т		-		.57 1.00 .65								.33 1.03	•11 •36 • •53 •53	_	•12	-	.16 .04	T .07	.92 .77 - .86	.10 .28	т			.16 .07		.0	33 602
REYNOLDS RICH#0005 RORY ROLLA SCHOOL OF MINES ROUND SPRING	1.49 2.57 2.30		•28	•30 •02 •03		•01	•01 -	•35 -	•15 T	т						т	.48 .64 .78 .79	т		.09	.23 T	• 86	.35 .45 .75	• 15 • 43 • 18	•05			.18 .04 T		-	
SAINT CHARLES SAINT JOSEPH WB AP R SAINT LOUIS WA AR R SAINT LOUIS WA CITY R SAINT LOUIS WN CITY R	2.09 .24 1.53 1.88 1.83	т	T •46 •39	.25 T T	T T T T T	•12 •01 •10 •12	T •01 •17 •02	T T •02 T	T T T	T T T	Т				.01 T T	12 •15 T	.70 .11 .33 .40	.12	T T T	T •11 •10 •18 •21	.09 T	T T	.09 .39 .47 .61	.27 T T			T T	т			
SAINT LOUIS WASH U SALEM SALISBURY SAVERTON L AND O 2 SEOALIA	1.87 1.53 .82 .93 1.23		. 24	•29 •04 •01	тт	•12 •07 •16	т	.05 T	т	T T	т			T •01		т	.45 .55 .19 .16	.02	т	.03 .07 .06 .10	.18 .05		.05 .20 .49 .07	.43 .35			.10	т			
SELIGMAN SEYMOUR 4 NNE SHELBINA SHELBYILLE SIKESTON	098 1.58 1.06 0.73 4.46		.10 T	т	т .	05 T •03	T •12	T 1.07	т				т	т		T •18	.30 .66	.15	•22	.14	.08	T •10	.48 .79 .51 .44	•20 •02	т		т	• 54		т	
SIKESTON CROP EXR FARM SILOAM SPRINGS SRRINGFIELO NA APT R STEELVILLE 2 N STEFFENVILLE	1.90	-	-17	т		T _ _07	- 05	1.25 .30 T	-01	-	-	-	_	-	T -	•66 - •26	.60 .55 .22 -	-	. <b>-</b>	.06 T -	- 02	• 39 -	1.40 -79 -06	•11 - - •45	-	-	•15 - T	•23 T		-	
STOVER SULLIVAN S E SUMMERSVILLE SUMMER ? SW SWEET SPRINGS	2.44 1.65 .63 E .90		.27 .67 .06	•41		T *07	т	.04	• 03	•01	т			T T		T • 07	.66 .16	T .11	•01	.13	.15 .48	T T	.46 .28 T .04	.49 .11				T •10 T			
TARKIO TECUMSEH 2 N TOPAZ 4 NE TRENTON TROY	.25 2.51 1.85 .36 1.32		T • 30	•06	т			T •25	т	т					•13	•10	T •78 •85	.22	Т	.12	-10	Т	T 1.17 .80 T	•21 •20			Т				
UNION I SE UNIONVILLE VALLEY PARK VAN BUREN VANOALIA	2.35	т	.58 T .18		т	.09 .07	T T	T •03 •40	т	т	т					* <sup>01</sup>	• 73 T • 47 - T	.12	. 32	.05 .14 .12		`т	.12 .05 .60	•32 •55 •10 •41							
VANZANT & SE VERSAILLES VICMY AR CAA 2 NW OACO WARPARELLO DAM	2.72		.35 .96 -			т	T •01	T •62	т	т						.49	.95 .16 .17 -	• 02	.08	.03	.07	T T	- .95 .61	•66			т ;	T •16		.0	01
BARRENSBURG CENT T C WARRENTON   N WARSAW NO 1 BARSAW NO 2 WASOLA	.79 E1.77 1.26 1.29		•13 •66 •33 •31			.04	E.05	E • 05	Т						т	•12 •76	*17 *41 T	.06		.06 .12 .04	т		•17 •44 •36 •42 •78	.20 T							
WAVERLY WAYNESVILLE 2 W WEASTER GROVES WE INGARTEN WEST PLAINS # R AIRWAY	0.45 2.75 2.01 2.59 2.12		.64 .57		т	T •13	T •	T • 75	T T					т	T .10		.07 .77 .17 .26	•06 T		T •02 •53 •55	Т	T .51	.10 1.26 .61 .52	• 22			T .41	т			
WILLIAMSVILLE WILLOW SPRINGS WINOSOP 3 PM ZALMA S E	2.74 1.61 1.07 2.16	т	.10 .04 .40	.03				.74 .17		т				т		.08	.37 .75 .15			۰05	.10 .02 T	т	.94 .71 .75	•12 •04 •21 •18				.16 .03		.0	)5

Table 5									<i>D</i>	7.1.		- 11					011														JAH	UARY	1953
Station		١.				. 1					- 10	-,,	10	10			OI M		18	19	20	21	22	23	24	25	26	27	28	29	30	31	verage
AOVANCE SESE	MAX	+	2	3	4	5	6	7	8	9		11		58	59	65		17	10	73	4.7	61	64	23	411	66	4	21	20	4.	30	- 4	Æ.
	MIN	23	33	48	23	28	26	28	31	29	30	28	21	30	45	53	1	2.	Q	,	3	1		11		/ 1					4		
ALBANY	MIN	33	33 21	32 15	38	37 13	15	9	29	26	33 20	36 17	51	29	31		- 4	13		7	37	47	21	1			,		,				111
AMITY	XAM N1M	35	33 22	33 18	15	35 11	17	2.2	28 18	25	31 20	37 19	27	52 32	51 36	5 7 8	~ 5	26	22	20		23	31			16	/-						- :-
ANOERSON 1 SW	XAM N1M	57 15	53 32	45 18	20	42 22	56 22	46	38 25	36 28	50 26	48 14	66 20	62	71 51	66 25	26 9	30 21	12	51	21.	25	34	37	21	114	40	2.		. /	6.	91	25.0
APPLETON CITY	MAX	48 25	43 31	40 25	40 23	45 25	38 24	33 23	29 24	35 28	34 23	45 25	63 28	62 35	68 50		20 7	32 18	43	39 24	37	50	40	38	2	57	57	3/	4 14	100	:	13	100
ARCAOIA	XAM MIM	40 21	42 31	34 22	36 22	38 29	41	42 25	36 27	31 28	34 28	42 29	54 18	60	58 44	63	11	34 21		50 25	3	4.2 31	45	42	3	47	7.	2 %	34	24	,	*/	2.04
8ETHANY	MAX MIN	34 22	35 18	36 17	36 14	35 12	25 15	22	29 18	34 27	32 23	35 17	55 20	50 31	50 35		- 15 - 3	26 14	40	3.3	33 2.	36 25	38 26	34 27	34 24	3.5	21	21		44 28	51	2"	38.1
RIRCH TREE	XAM N1M	33 22	36 24	36 29					40 31	41 30			60 20	61 35	58 48	64 35	35 11	32 25	34 24	53	45 32	37 32	33	42 38	46 28	18	70 31	62	5?	54	58 43	62 42	48.2
8LACK 6NW	MAX M1N	40 23	42	35 18	36 10	38 24	45 26	45	45 21	32 22	34 25	45 23	57 10	62 25	56 44	68 38	38	34 16	35 18	48	45 21	41 26	44 29	43	41	44	69 27	6 7	45	40	59	6-	27.
BOLIVAR	MAX	46	43	40	38	35 25	45 27	43	36 24	33	45	48	64	60	67 52	63	23	29	47 26	48	45	51	5	4'	42	F7	#4 43	4 c	41	57	6/	6-	45.5 2F.2
800NVILLE WATERWKS	MAX	30 25	43	34	37	36 20	28	35 18	27	31	35	34	40	65	63	63		25 7	31	41	35 28	32	40	44	35	36	42 18	51	47	41	4.5	58	40.2
8ROOKFIFLO	MAX	36 26	37	37 19	34	30 15	28 16	26 14	30	37	35	41	63	58 31	59	60	20		41	34 19	34	38	38	37	36 22	37	5 29	4± 21	43	42	57 26	50	40.0
8RUNSWICK	MAX	30	42	35	38	37	27 17	30	23	30	36	37		62			63	23		42	33	3 3 22	38	3.8	35 23	39	19	45	43	47	47	54	39.5
8UTLER	мах	48	45	40	40	39	37	32	29	35	34	43	63	60	66	64	20	30	42	37	36	47	46	3.7	44	53	62	59	6 4	55	62	59	45.4
BUTLER AP CAA 2N	M1N MAX	26	31	40	24	32	37		24	35	72 36		63	37 59	66		21	29		36	34	47	31	34	26	53	64	47	44	5 6	60	c 0	44.5
CAMOENTON	M1N MAX	45	26 43	24	37	24	22	21	23	23	19	25	32	35	64	8 64	26		26 39			23 46	29	25	35	2] 2B	66	62	47	25 53	63	30 61	47.5
CAMPBELL	MIN	23	20	20	19										52	25	7	17	25	27	30	24	30	30	19		30	13	20	27	43	3.5	
CANTON L ANO O 20	MIN	42	36	31	33	34	22	24	30	32	32	35	62	54	56	60	20	31	40	33	33	35	39	38	33	3.3		4	37	31	43	42	37.3
CAPE GIRAROEAU MO ST	N1M XAM	30	28	35	16	15	10	5 38	21	27	35	18	20	32 56	37 59	18	6		2.2	23	27	39	32	31 52	20	22	26 65	24 60	16	17	54	24 57	21.8
CAPLINGER MILLS	MIN	27	33	24	24	29	26	27	32	30	31		24 67	39 64	48	64	17	24		31	34	3 3	35 51	49	30	26 63	35	37 57	26 49	31	64	44	32.1
CARROLLTON	M1N MAX	23	30	74	21	25	27	25	24	27	74	22	27	33	50	19	8	20	24	20	30	21	34	30	19	21	33	30	10	74	3 <i>7</i>	29	25.F
	MIN	25	26	36 21	16	17	18	17	21	28	35	23	23	34	40	12	2	11	10	22	27	17	24	20	23	18	30	27	14	24	25	28	22.4
CARTHAGE	MIN	51 24	54 31	4 <b>3</b> 25	23	39 27	30	29	32 25	27	46 25	28	1	46	54	20		21		23	29	58	57 35	29	25	24	39	32	21	26	44	32	78.5
CARUTHERSVILLE	MAX	28	51 38	4 <i>7</i> 27	38	47 29	31	37		33	34	50 30	53 29	63 38	32	39		37	32	37	57 37	43 38	37	62 46	56 34	50 28	68	46	61 34	57 33	43	47	34.4
CHARLESTON	XAM N1M	46 30	43 36	36 25	38 24	46 31	45 28	51 31	50 36	37 32	38 33	46 28	52 26	61 37	61 49	67 55	21	36 26	32	55 31	48 36	35	30	58 3€	50 32	27	66 37	58 38	46 29	50 29	56 45	50	33.5
CHILLICOTHE RADIO KCHI	MAX	37 25	35 25	37 21	37 13	36 15	28 17	24 11	31 20	36 29	34 23	39 22	63 32	56 32	57 32	55 13	16	26 16		35 27	33 27	36 13	38 30	37 28	38 25	36 18	53 28	52 26	18	24	51 22	48 26	21.8
CLEARWATER OAM	XAM N1M	38 20	45 32	36 24	36 17	40 31	41 25	41 27	44 29	34 28		45 30			58 51	65		34 22	37 24	50 25		42 32	42 33	45 38	47 29	51 20	70 31	67 30	48 26	53 24	57	61 43	47.7 28.7
CLINTON INNW	X A M N I M	30 25										32 24						25 6	30 23	43 22	40 22	32 25	47 24	47 30	33 11	55 20	51 31	61 28	47 14	48 21	52 25	51 25	43.3
COLUMBIA W8 AIRPORT	XAM NIM		40			34 21		26 18	30 24	37 30	34 27	42 26	66 29	63 41	63 50	63 10	23 9	29 2 <b>2</b>	25	37 27	34 30	40 30	46 37	38 29	36 21	43 18	56 33	46 27	43	44 27	60 37	53 29	42.6 25.9
COLUMBIA 9NW U OF MO	MAX	44 26	43	37 21	36 19	35 19	36 19	28 18	28 23	38	35 26	41	65 25	63 38	62 48	62 18	23	30 20	43	36 25	<b>35</b> 30	40 30	30	43 31	38 21	42 17	54 37	49 29	18	43	60 31	56 31	43.^ 25.1
CONCEPTION	MAX	31 22	31		36		30	22	27	32	32		51	50	48	53	18	28	3.9	3.7	33	43	38	30	35	39	52	52	65	45	52	53	38.2 19.8
CRYSTAL CITY IN	MAX	41	6.0	3.7	3.8	36	33	21	22	22	3.6	42	56	64	60	60	1 63		5.2	40	30	40	45	45	46	46	54	62	4.7	46	61	62	46.2 22.8
OONIPHAN	MAX	47	48	47	41	58	48	43	43	43	49	53	56	60	60	65	47	39	41	56	49	4.3	46	46	53	52	71	56	53	5 R	57	63	51.2
EDGERTON	ждм	4.5	,,,	,,	10	10	1	30	71	36	32	30	11	29	7,7	7,	.,							71				,,					, ,
ELOON	MIN	47	43	38	35	36	39	31	29	36	40	43	65	64	63	64	28	31	45	44	38	47	46	45	40	54	64	5 5	46	49	62	57	45.8
ELSBERRY	MIN	3.8	40	36	35	36	31	31	29	32	38	35	38	56	63	63	63	34	33	43		37	40	50	40	40	39	53	47	43	44	61	42.3
FARMINGTON	MIN	41	41	34	3.8	3 7	37	34	34	31	32	41	49	62	57	65	37	34	40	51	41	39	40	43	45	4.8	66	54	46	66	58	61	25.7
FARMINGTON AP CAA	M [N MAX	2.8	3 1	2.4	23	26	23	24	28	28	30	29	33	43	48	36	12	22	27	32	33	3.5	34	35	29	21	31	32	23	27	41	47	29.9
FAYETTE	N1M XAM	2 7	25	23	23	25	22	74	29	29	30	2.5	20	37	48	18	11	23	26	28	33	32	33	32	29	20	33	28	24	25	42	3.8	27.7
FOUNTAIN GROVE WILDLIFE	MIN	26	31	20	17	17	18	17	23	27	25	24	25	38	49	14	25	19	20	25	24	29	30	31	22	16	30	30	18	25	30	27	24.5
CONTRACT URBERT WILDLIFT	MIN	21	22	15	9	10	10	5	15	24	11	16	18	28	38	9	- 5	11	12	1 40	21	01	74	23	10	13	23	22	13	19	1,8	23	16.5

#### MISSOURI DAILY TEMPERATURES JANUARY 1953 Table 5 Continued Day Of Month Station Ave 14 15 20 21 F LYON 45H MAX 24 31 24 GRANT CITY 24 32 36.6 GREENVILLE 4 NNW MAX 18 36 35 38.8 HANNIBAL WATERWIRKS MAX 19 22 39 27 32 20 16 19 19 MAX 18 44.1 23.8 HARRISONVILLE 18 21 21 23 31 21 97 30 27 30 HERMITAGE MAX 24 HOUSTON MAX WIN JACK TH 55 28 18 25 30 29 34 35 27 MAX JEFF CITY KWOS 28 40 24 31 30 30 44.4 32 21 MAX JOPLIN AP CAA 4N 28 26 29 37 47 29 35 23 28 26 27 KANSAS CITY WA APT 38 20 33 43.0 30 MIN K C UNIV OF K C MAX 26 33 35 45 28 43.7 3·0 22 26 22 25 30 22 22 MAX 38.8 22 40 60 17 10 - 2 KIRKSVILLE MAX 17 33 13 15 36.9 MIN MAX 16 KIRKSVILLE AP CAA 7556 17 23 35 27 26 KOSHKONONG 28 32 45 28 38 32 MIN LAKESIDE MAX 25 31 10 25 31 28 27 32 26 21 32 LAMAR MAX 22 мах LATHROP 35H LEBANON 1 EN MIN 47.2 24 39 39.3 M IN MAX LICKING 4N LOCKWOOD 52 32 MIN MAX LOUISIANA STARKS N 22 20 23 35 38.4 MIN MALDEN AP CAA 4NH 28 49.5 25 30 33 36 32 MARBLE HILL MAX 48.5 MARCHALL MAX WARSHE IFLO MAX 26 27 30 32 27 MAPYVILLE 33.9 MIN MEMPHIS WIN MEX ICO MAX 31 18 41.4 MOREPLY RADIO KNOW 39.4 22 32 MONETT 49.4 MIN MOUNTAIN GROVE 2N 39 43 47.5 27 MOUNT VERNON 351 MAX MIN 48.9 28.6

NEOSHO

NEVADA NEW FLORENCE MAX

MIN

60 65 49 20

St. 11																Day	Of M	onth															بمريه
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
OPEGON	MAX	32	32 19	32 19	40	35 13	26 14	22	27 19	30 24	33 24	37 23	57 35	48	43 31	52	16	28 13	38	32 24	32 23	46 25	39 26	31	37 25	41	53 26	40	46	46 25	53 31	46 31	37.7
OZARK 8EACH	MAX	39 20	55 25	40 26	47 20	50 25	45 28	55 29	50 30	41	35	51 31	59 30	66 32	72 33	71	69 12	33 13	38 18	53	55 27	46 33	49 34	47 38	52 24	61	75 30	53 26	54	65 27	65	69 38	53.5
PEPRYVILLE	MAX	41	46 31	35 24	38	39 28	36 22	33 24	37 29	33 29	34	43	49	60	57 47	64	47 14	35 21	42	50 28	45 32	39 32	43	44 38	45	46	67	62 37	47	45 28	56 40	61	45.8
POPLAP SLUFF	MAX	49		50 27	20	39 27	50 28	48	42 36	38 32	36	49	51	55 35	59	60	66 20	26	37	27	54	31	40		53	53	50	68	29	51 27	55	55	50.3
POPTAGEVILLE	MAX	44	52 37	41 26	38 23	45 29	51	34	38	43	39	50 30	52 27	63	61	63	66 22	36 26	40	58	53 37	42	47 37	60	56 32	50	67 37	64	58	57	56 36	56 42	52.0
PRINCETON	MAX	33	35 21	31 16	35 12	36 10	31	26	36 19	35	35 19	36 11	58	61	62	58	20	26 14	40	36 18	34	39 12	39 29	36 26	35	40	50	48	50	44	54	53	40.4
POLLA MO SCH MINES	MAX MIN	30	45	35	36	35 23	34	44	32 25	30	32	35 29	44	61	64	60	64	30 11	32	41	50	37 30	44	45	39	43	52 27	68	45	46	48	63	44.0
SAINT CHARLES	MAX	40	40	38	35	35 27	32	32	32	33	35	38	55 26	62	65	65	30	33	46	40	39	40	45	45	41	45 26	59	56	45	41	62	60	44.0
SAINT JOSEPH W8 APT	MAX	36	32	33	40	29 17	27	24	28	32	39	38	57	54	56	59	18	30	41	33	32	47	37	34	39	44	54	43	48	45	54	44	39.6
SAINT LOUIS WE APT	MIN	41	40	33	34	35	30	31	30	32	32	25 37	34 54	31 61	30 63	64	- 2 26	18	48	36	37	40	27	26	40	21	59	45	21	42	61	27 59	42.4
SAINT LOUIS WE CITY	MIN	32 40	25 41	25 33	35	35	17	33	26 31	33	33	25 36	52	61	52 61	17	27	26 34	27 46	32 40	33	31	35	32	40	25	31 61	31	44	27 43	60	31 58	28.1 42.7
SAINT LOUIS UNIV	MIN	32	26 42	25 34	35	37	31	19 32	28 35	35	30	27 38	30 52	60	60	18	28	35	47	34	34	32 40	36	33	28	26	32 57	33 56		29 42	43 59	34 59	43.3
SAINT LOUIS WASH U	M1N MAX	32	32 40	25 39	34	25 35	30	18	28	32	30	27 36	30	42 53	49 61	28 61	12	23	30	34 45	34	32	35 40	36 43	41	27	32	38 55	١.	28 42	41	62	30.3
SALEM	MIN	31	33	25 38	37	28 36	21	18	38	30	31	27 35	27	31 57	42 64	52 69	13	14	31	30	34	32	34	36 43	29	26	52	70	22	23	29 50	63	29.0
SAL ISBUPY	M1N MAX	25	24 37	23 37	36	24 37	25	26 25	26 30	28	33	29 39	25 62	30 60	41 61	5 1 6 2	8	8	23	23	29 34	30	31	35 37	26 39	20	33	30	22	23	29 56	41 50	27.0
SAVEPTON L ANO O 22	MIN	26	25 37	21	18	17 35	17 27	14	22	29	23	23	25 60	37 57	46 60	13	7 23	18	20	23	28	37	30	31 45	22	18	30 49	29	20	25	30 54	29	24.0 39.6
SEOALIA	MIN	31	31	25	23	21 35	15	10	25	28	27	23	24	37 62	41	21	10	21	26	28	31	29	35	32	24	25	31	29	19	21	34	30	26.0
SEL IGMAN	MIN	25	31	22	22	22	22	20	22	27	22	25	32	41	51	22	6	19	24	24	31	29	32	30	19	18	33	33	21	28	34	33	26.5
SEYMOUP ANNE	MIN	23	28	25	25	35	29	31	28	25	25	26	33	46	52	18	8	19	24	29	31	27	32	29	24	26	50	41	26	34	44	40	79.9
	MIN	43	13	33	38		25	19	39 25	25	25	45 24	24	16	5	18	3	20	24	48	29	27	20	26	28	64	70	36	14	56 11	62 35	58 36	21.0
SHELBINA	MAX M1N	28	36 28	34 23	38 18	34 17	35 17	26 13	31 23	32 21	35	42 21	62 24	64 34	62 40	21	26 8	30 18	21	17	36 29	38 29	41 28	39 31	16	35 12	49 27	24	39 17	39 22	53 24	50 27	22.6
SIKESTON	MAX	42 28	48 30	50 26	37 25	38 26	46 28	43 30	48 32	38	35	37 29	26	51 27	59 40	50	68 21	32 20	36	39 30	55 34	46 35	39 35	45 38	56 33	50 26	45 26	61 37	50 29	28	53 28	55 43	30.8
SIKESTON CPOP EXP FARM	MAX	27	48 36	37 25	36 24	45 29	43 26	45 30	48 34	36 30	36 32	45 29	49 26	5 9 36	60 45	52	60 20	36 24	38	53 30	49 36	34	45 35	<b>57</b> 39	32	26	59 35	57 40	46 29	53 28	53 42	55 45	48.0 32.5
SPRINGFIELO W8 APT	MAX	47 23	45 25	39 24	38 24	35 25	46 29	44 27	28 25	32 26	25	46 28	63 32	61 42	65 51	62 11	27 7	30 25	45 25	48 29	36 30	49 28	47 34	41 26	41 22	59 26	66 42	49 33	47 21	57 30	62 41	58 38	47.0
STEFFENVILLE	MAX	37 29	36 29	32 23	33 17	34 16	26 12	22	29 21	34 28	34 22	38 19	62 24	57 38	60 43	61 28	28 7	29 15	39 20	32 24	32 27	35 28	41 33	39 30	33 20	33 19	46 27	42 26	37 11	38 18	50 25	45 28	38.5 23.1
SWEET SPRINGS	MAX MIN	46 25	42 29	40 21	40 22	36 22	33 21	31 21	30 22	36 18	35 21	44 24	64 23	64 35	64 44	62	22	31 19	42	35 21	34 28	45 28	42 28	42 30	42 19	43 15	55 30	53 28	45 18	48 22	58 26	53 27	43.8
TARKIO	MAX	33 21	32 20	34 19	41	35 11	24 12	26 7	28 19	32 22	37 22	38 21	51 26	48 29	45 28	55	- 17 - 8	34 10	34	33	35 18	48 24	39 25	31 23	35 23	43 18	52 24	44 27	49 21	47 26	53 29	45 28	38.6
TPENTON	MAX	36 25	35 24	36 19	38 16	35 13	29 15	29 11	31 20	35 20	34 21	38 20	62 27	58 29	57 43	51 11	18	28 15	40 18	34 21	34 22	35 17	39 29	36 28	37 25	38 20	52 28	47 30	48 17	46 25	<b>5</b> 3	49 17	39.9
UNION 1 SE	MAX M1N		41 32			35 25	34 21	31 21		33 29		40 28		65 34	60 52	65 32	33 11	33 21	45 30	42 25	37 34	39 31	45 34	44 37	42 27	45	68 34						44.5
UNIONVILLE	MAX		32 19		32 13		24 11	18	17		34 14	34 14	57 24	50 34	59		16 - 3														49 24		36.1 18.4
VANOAL IA	MAX		35 27		35 22	27 19	3 2 16	27		33		43 21	64	62	64	27								36 33		44					5 8 26		41.7
VERSAILLES	MAX		45 30		35 24	30	39	30 21					65	63	64 54	62 16	23	30		44		42			51	60							43.8
VICHY AP CAA 2 NW	MAX	45	41	35	34	33		31	29	32 27	32 28	43 28	61	63	59		25	31	48		36	42	44	41	40	51							44.2
WAPPAPELLO OAM	MAX	43	46	47	47	36 26	43	45	45	36	36	43	46	53	58	61	65	31	35	37	51	46	38	45	50	50	46	65	45	49	52	55	46.6
WAPRENSBURG C T C	MAX	47	42	38	38	37	31	31	30	35	35	42	62	61	63	62	20	28	41	38	35	45	42	38	41	45	57	56	47	51	59	58	43.7
WAPPENTON IN	MAX	42	31	31	34	32	34	29	28	31	30	36	61	61	67	67	28	32	45	40	35	38	45		38	43	59	60	59	42	61		27.0
WAPSAW NO 1	MAX	48	30 46	41		37	40	40	34	34	28	47	66	63	66	64	10	29	49	46	45	48	49		43	58		61	47	54	64	63	27.3
WASOLA	MIN	45	31	44	45		51	44	40	33	53	26 52	62	62	52 62	63	9	33	24	21	31 47	47	29 42	42	47	19							25·1 50·8
WAYNESVILLE 2W	MIN	22	45	42		37	49	33	34	35	28	26 50	64	65	50 62	65	30	32	27	28	34	29	32 46	37	74 45	57	38 70	39 65	23 50	32 54	43 65	39	29.2
WEBSTER GPOVES	MIN		29 39		16	27	21	23	23	24	26	24	16	29	50	29	5	21	21	19	30	28	30	31	25	15	29	23	18	19	40	31	24.7
	MIN	28	27	21	24	20	18	16	24	25	27	24	23	35	47	24	10	20	24	27	30	28	32	34	25	23	28	28	18	74	33	39	42.5

Station																Dαγ	01 M	onIh															
Sidion		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
EINGARTEN	MAX MIN	*2 26	41 30	33	38	34	37	33	32	32	32	41	53	62	57 48	65	43	34	44	48	36	38 31	44	44 27	42	42	67	60	48	45 27	58	60	
EST PLAINS W R AIRWAY	MAX	47	46 28	43	42	43 23	5 <b>0</b> 27	40 33	38 29	34	53 32		60 22	60 29	59 47	65 20		34	44	54 25	46 32	40 32	42 36	45 32	47	57 23	72 29	46	50 26	59 24	59 40	63	
ILLOW SPRINGS	MAX MIN	44 28	45 31	41	39 24	41 26	51 25	40	39 24	38 28	50 30		61 22	62 36	56 49	62	27 10	32 25	37	53 25	46	43	41 32	44	41	56 23	71 33	50 31	48 25	57 23	61 41	61	4
INOSOR 3NH	MAX	48	40	38	37	31 22	37	30 20	28 22	36 28	36 21	45 26	63	61	64	62	20	28	42		36 28	46	45 30	37 30	39	53 19	60	51	46 18	50 26	60	56	

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## EVAPORATION AND WIND

C1.11																1	Day o	f mor	ıth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
LAKESIDE	EVAP W1N0		62	61	41	.05 57		* 44	* 22	43	* 51	* 37	.20	.13 51				24	* 17	* 11		.00	.01 29		.01		.07	.06	.06 30	.01	.05	.06	1.06B 1160

## DAILY SOIL TEMPERATURES

																Day	of mo	nth															rage
DEPTE	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave

### CONCEPTION

			_		_																•												
1 Inch	5PM	31	30	30	31	28	26	19	20	30	31	31	35	34	34	23	27	30	32	33	32	32	32	32	32	32	41	32	38	36	37	36	31.2
3 Inches	5PM	32	32	31	31	30	31	19	26	31	31	31	33	32	32	32	30	30	31	32	32	32	32	32	32	31	32	32	32	32	32	32	31.0
6 Inches	5PM	32	33	33	33	32	32	28	32	32	32	32	32	32	33	33	33	32	32	32	32	34	32	32	33	32	33	32	33	33	33	33	32.3
12 Inches	5 <b>₽</b> ₩	36	36	35	35	35	34	32	35	35	35	35	35	35	35	35	35	33	35	35	33	35	35	35	35	35	35	35	35	35	35	35	34.8
24 Inches	5PM	40	40	40	40	39	36	40	40	39	38	39	38	39	39	39	39	39	39	38	39	38	38	38	38	38	38	38	38	38	38	38	38.6
36 Inches	5 <b>₽</b> ₩	46	46	46	46	46	45	45	46	45	45	45	45	44	44	44	44	44	44	44	44	44	43	44	43	43	43	43	43	43	43	43	44.3
72 Inches	5PM	49	48	48	48	48	48	46	48	47	47	47	47	47	47	47	46	46	46	47	47	46	46	46	46	46	46	46	46	45	45	45	46.7

### SIKESTON CROP EXP. FARM

1	Inch	5PM	40	40	36	37	38	39	41	40	36	37	37	39	44	50	54	36	37	36	42	41	40	42	48	41	41	50	47	42	45	46	48	41.6
3	Inches	5PW	40	41	37	37	39	39	41	40	37	37	39	39	44	48	53	38	38	38	43	42	41	43	48	42	42	49	46	43	45	46	48	42.0
6	Inches	5PM	40	42	38	37	39	39	40	41	38	38	39	39	42	46	51	40	39	39	42	42	41	42	47	43	42	46	45	44	43	44	47	41.8
1	2 Inches	5PM	40	42	40	38	39	39	40	41	40	39	39 .	39	40	45	47	43	40	40	41	41	41	42	44	43	42	43	44	43	42	43	45	41.5
2	4 Inches	5PM	43	43	43	42	42	42	42	42	42	42	42	42	42	43	44	44	44	43	43	43	43	43	44	44	43	43	44	44	44	44	44	43.0
4	8 Inches	5PM	48	48	48	48	47	47	47	47	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46.4
7	2 Inches	5 <b>₽</b> ₩	51	51	50	50	50	50	50	50	49	49	49	49	49	49	49	49	49	48	48	48	48	48	48	48	48	48	48	48	47	47	47	48.8
_																1																		

Station							,									Day	of m	onth														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
ethany	SNOWFALL SN ON GNO	Т	Т	т	T	T	3.0	3	3	2	2	2	Т						3.0	2	1	1	1	1	Т	Т	Т	Т				1
utler AP CAA	SNOWFALL SN ON GND								Т								0.3	0.9	1	т	T			1.5 T	2	Т						-
anton L & O 20	SNOWFALL SN ON GND					-	- 1	- 1	1	1	1	1						-	-	1	- 3	2	1	-	3		2	Т	- T	T	T	-
ape Girardeau Mo. St.	SNOWFALL SN ON GNO			Т				Т									Т	Т														
illicothe Radin KCHI	SNOWFALL SN ON GND						1.2	1	Т	Т	т					T		2.3	1	T	0.4 T	т	Т	1.2	Т	Т		T				ı
inton 1 NNW	SNOWFALL SN ON GNO			-														- 1	_					_ T	- 3							l
lumhia WB Airport	SNOWFALL SN ON GND		Т		Т		T	T	т	т							T	0.4 T	Т	т	т			3.7	3	1	Т	Т				
rmington	WTR EQUIV SNOWFALL SN ON GND			0.5 T	T		0.3 T																		r.3							
nnihal	SNOWFALL SN ON GND		0.1	•	·		1.5	т 2	т 2	1	1	1						1.0 T	т		T	T		1.0	1	Т	т		Т			
plin CAA AP 4 N	SNOWFALL SN ON GND								T	T							0.4		T		1	1		1.4 T	1	1	1					-
nsas City WB Airport	SNOWFALL SN ON GNO	т	T	т	Т	T	T	T	T	т					-	Т	Т	2.7 T	3	1	T	Т		T								
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lem	SNOWFALL SN ON GND																	0.5	_													
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innville	SNOWFALL SN ON GNO	т	т	т	т	т	2	2	2	1	1	1	1				T	т	- 3	1	- 3	2	1	-	1	1	1	T	т	T	T	
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Station	Z County	Drainage Latitude	Longitude	Elevation	Temp.	Observer	t	to ables		Station	Index No	County	Drainage	Latitude	Longitude	Elevation	Temp. g	Precip.	Observer		to ables
ADVANC A COE ALBANY ALTON O FAM AN TY ANDERSON 1 SM	00:2 \$1.00ARD 51 %1RY 7 OREGON 1-3 AALS 0166 MCDONALD	10 3 06 4 40 15 1 36 42 4 39 52 8 36 38	89 50 94 20 91 17 94 26 94 27	355 872 - 1620 1000	5P 51 6P 61 7	NELLO MORONI HILLIAM J. BUTLER LOYD E BLACK O. M. COLHOUR A. M. CHAMBERLAIN	2 3 2 3 3 2 3 2 3	5 5 5		MANSFIELD MARBLE HILL MARSHALL MARSHFIELD MARTINSBURG	5253 5298	WRIGHT BOLLINGER SALINE WEBSTER AUDRAIN	6 7 12	37 06 37 18 39 07 37 20 39 06	92 35 89 58 93 11 92 54 91 39	532 775 1484	6P 5P 5P	7A 7A 5P	HENRY O. BROWN BRYAN A. WILLIAMS MUNICIPAL GILLITIES SHO-ME POWER CO FR H. FREESE	3 2 3 2 3 2 3	5 5 7 5
ANNAP .5 7 U APU E 7% CITY ARLAL A 4 NASSE A RANGER 5 AT ON	179 ROB 12 4 ST CLAIR 10224 RON 5 (4L_AMAY 365 DOUGLAS	37 20 9 38 '. 10 37 35 1 39 00 12 36 5	90 47 94 02 90 37 91 54 92 40	800 926 -	6P 61	OPAL G. RUTTER  F. PAUL EYE A ARCADIA COLLEGE C. N. HOOK U.S. FOREST SERVICE	3 2 3 3 3	5 5		MARYVILLE MEMPHIS MERCER 6 NW MEXICQ MIDDLETOWN 5 NE	5492 5519 5541	NODAWAY SCOTLAND MERCER AUDRAIN PIKE	6	40 21 40 27 40 33 39 10 39 10	94 52	1169 787 - 800	7A	7A 7A 7A	R. B. MONTGOMERY JOHN W ALEXANDER OSCAR L. HARTLEY D. N. WOODS ELOISE M. GRAHAM	2 3 2 3 3 2 3 2 3	5 5
BE EY FO ERN E BE HANY B RCH TREE BLACE D FOW	539 RON 5595 STODDARD 508 HARRISON 0668 SHANNON 0695 IRUN	5 37 41 10 36 40 4 40 16 1 36 59 1 37 37	89 58 94 02 91 30 90 59	916 1000 1000	5P 7/ 5P 7/ 7P 7/	BEULAH M. ALEXANDER A HAROLD R. SUMMERS A CARL W. SLAUGHTER MILDRED E. CATLETT OTTO GOGGIN	3 3 2 3 2 3 2 3	5 5 5	7	MOREHOUSE	5671 5700 5708 5762	SULLIVAN RANDOLPH BARRY MONROE NEW MADRID	6 6 6	39 39 36 51	91 44 89 42	850 1310		6P 8A 5S 4P	CMARLES E. SMITH RADIO ST KNCM KENNETH G. MEUSER J. S. CONWAY J. A. SPENCE	3 2 3 2 3 3 3	5 5
BLOWF E D  5. VAR  BOOMY E MATER WORKS  BOWN N. UREEN  BRAL EVV _ E	. 35 STODDARD . 89 POLK 817 COOPER 856 P KE 08"8 TAMEY	10 36 53 9 37 37 7 38 58 6 39 21 12 36 47	93 25	1071 650	7A 7/	GEORGE E. LONG SW BAPTIST COLLEGE ABOONVILLE WATER DEP VIRGIL COOK ELMER A HUBBARD	2 3 2 3 3 3	5		MOSELLE MOUNTAIN GROVE 2 N MOUNT VERNON 3 SW NEOSHO NEVADA	5834 5861 5976	FRANKLIN WRIGHT LAWRENCE NEWTON VERNON	3	37 04	90 54 92 16 93 52 94 22 94 21	497 1463 1174 1011 862	6P 5P	6P 5P	ERNEST J. FOSTEP MO FRUIT EXP STA. WM. E. KIRCHHOFF U.S. FISHERIES STA. HENRY KRAFT	2 3 2 3 2 3	5 5 5 5
BEJOKE LD LUNCH K BU FALO BUNK R BURLINGTON JUNCTION	1037 CHAR TON 1037 CHAR TON 1087 DALLAS 1101 REYNOLDS 1141 NODAWAY	4 39 47 4 39 26 9 3° 38 1 37 27 7 40 26	93 05 93 08 93 05 91 12 95 04	767 652 - -	7/	G. F. BREEN O. K. BENECKE L. H. HOWER70N C. D. HIGHLEY RALPH B. FULLER	2 3 2 3 3 3 3	5 5		NEW BOSTON NEW FLORENCE NEW MADRID NOVINGER 1 E OATES TOWER	6007 6040 6170	LINN MONTGOMERY NEW MADRID ADAIR REYNOLDS	6	39 57 38 55 36 35 40 14 37 32	92 51 91 27 89 31 92 41 91 03	880	6P	6A 7A	GERALD R. HILL HERBERT H. DAVAULT WESS HENSLEY VERN M. ROBISON ETHEL SUE ADAMS	2 3 3 3 3	5 7
B LER GAA AP 2 N ANDENTON ANDES ANTON LOCK & DAM 2	1145 BATES 1147 BATES 1242 CAMDEN 1221 DUNKLIN 12 5 LEWIS	9 38 16 9 38 17 9 38 32 10 36 29 6 40 08	94 20 92 45 90 04 91 31	940 314 488	4P 41 5P 51 7P 7/	HARLEY W. JOHNSON U.S. CIVIL AERO ADM MO CONSERV COM MR. M. BOB COMER LOCKMASTER	2 3 2 3 2 3 2 3 2 3	5 5 5 5 5	7	UDESSA OREGON OSCEOLA 3 NE OMENSVILLE OZARK	6357 6407 6438	LAFAYETTE HOLT ST. CLAIR GASCONADE CHRISTIAN	7 9 3	39 59 38 05 38 21	93 57 95 09 93 39 91 30 93 13	1093 - 935 1150	MID	7A 7A 8A	WM. E. DOUGHERTY JAMES M. CURRY SAM H. SIMMONS ANETA E. IMAN WILLIAM L. REED	2 3 3 3 3	5
LAPE RARDEAU MO STATE CAPE RARDEAU APL MOER MILL ARROLLTUM LARTHAUE	1346 JASPER	11 37 11	93 49 93 30 94 17	754 962	5P 51 77 6P 61 6P 61 6P 77	TEACHERS COLLEGE LEE L. ALBERT S. E. PRICE HAROLD E. FINLEY PHIL B. DAVIS	2 3 2 3 2 3 2 3 2 9	5 7 5 5		OZARK BEACH PACIFIC PALMYRA PARIS PARMA	6468 6493 6509	TANEY FRANKLIN MARION MONROE NEW MADRIÓ	6	39 48 39 29	93 07 90 44 91 30 92 00 89 48	700	BA	7A 8A	EMPIRE DIS EL CO ARTHUR O. LEWIS JESSE E. GEORGE J. W. REED LAURA E. MORGAN	2 3 3 3 3 3	5
LARU MERSVILLE ASSY LE RANGER STA LENTERVILLE ENTERVILLE RANGER STA LINTRAL A	1364 PEMISCOT 1383 BARRY 1467 REYNOLDS 1472 REYNOLOS 1482 BOOME	6 36 11 12 36 41 1 37 26 1 37 26 6 39 12	93 52 90 57 90 57 92 08	-	7/	VICTOR T. MALLOURE FLORENCE A. KAROW A CORDA JANE HARRISON U.S. FOREST SERVICE EARL W. SEYMOUR	2 3 3 3 3 3	5		PERRY PERRYVILLE PIERCE CITY PLEASANT HILL POLO	6641 6678 6748	RALLS PERRY LAWRENCE CASS CALDWELL	9	39 25 37 43 36 57 38 48 39 33	94 00	1018	5P	7A 7A 6A	OLIVEP N. HOWARD JOHN S. HAGAN JOHN P. DAVIS DEAN T. KNORPP RALPH C. ULBRIGHT	2 3 3 3 3	5
CHADWICK CHARLESTON CHILLICOTIE 2 S CHILLICOTIE RADIO KCHI CLEARWATER OAM	1490 CHRISTIAN 1540 HISS SSIPPI 1580 LIVINGSTON 1585 LIVINGSTON 1674 MAYME	12 36 56 6 36 56 4 39 45 4 39 46 1 37 07	89 21 93 33 93 33 90 47	771	SS SS	SYLVIA FLETCHER CHARLESTON FIRE OEP M. O. DUPY RADIO STATION KCHI U.S. ENGINEERS	2 3 2 3 2 3 2 3	5 5 7 5		POPLAR BLUFF PORTAGEVILLE PRINCETON PUXICO OULIN	6799 6866 6934	BUTLEP NEW MADRID MERCER STODDARD BUTLER	6 4	36 45 36 26 40 24 36 57 36 36	90 23 89 41 93 36 90 10 90 15		7P 5P 5P	5P 5P 7A	O. M. RICHARDSON THE PORTAGEVILLE REV E. WAYNE MCCLARAN J. W. STEINMEIER TORRENCE J. JOHNS	2 3 2 3 3 3	5 5 5
CL FYON C TY COLINGY I NHW COLINA TOLINGIA WE AP CLUMBIA 9 NW U OF MO	1704 COOPER 17.1 HENRY 1773 CARROLL 1790 BOONE 1800 800NE		93 33 92 22 92 28	778	7/ 410 Mil 5P 5I	ROBERT E. LEE	2 3 2 3 2 3 2 3	5 7 5 6	- 1	REYNOLDS RICHWOODS ROBY ROLLA SCHOOL OF MINES ROUND SPRING	7122	REYNOLOS WASHINGTON TEXAS PHELPS SHANNON	5 3 1	37 57 37 18	91 25	1202		7A 7A 9A 7A	EFFIE V. HILL ELMA M. DE CLUE ROY E. DANIELS SCHOOL OF MINES C. E. JONES	3 3 2 3 3	5
CONCEPTION CONCORDIA CONCESTATION CRAME MOUNTAIN CROCKER	1822 NODAWAY 1837 LAFAYETTE 1870 CRAWFORD 1980 IRON 2004 PULASKI	7 40 16 7 38 59 5 37 48 10 37 27 9 37 57	93 34 91 27 90 38 92 15	) = <u> </u>	7/ 7/ 9/ 6/	FR. ADELHELM HESS A MARTIN BROCKMAN A THOMAS J GOPMAN A ROY E. THOMLISON CHARLES IDEN	2 3 3 3 3 3	5		SAINT CHARLES SAINT JOSEPH WB AP SAINT LOUIS WB AP 12 NW SAINT LOUIS WB CITY SAINT LOUIS UNIVERSITY	7440 7455 7460 7465	ST L CITY	6	38 38	90 29 94 55 90 23 90 12 90 14	490 957 556 465 578	MID MID 7P	7A 6A MIO MID 7P	CHARLES J. KOENIG U.S. WEATHER BUREAU U.S. WEATHER BUREAU U.S. WEATHER BUREAU ST LOUIS UNIV	2 3	5 5 7 5 7 5 7
CRYSTAL COTY 1 N COBA DEER, NG DE SOTO BUXTER	2031 JEFFERSON 2043 CRAWFORD 2156 PEMISCO7 2220 JEFFERSON 2235 STODDARD	6 38 14 5 38 04 10 36 12 6 38 09 10 36 47	91 24 89 53 90 34 89 58	=	7,	OSCAR F. TIDD A FR C. J. HORNSEY A CLARENCE E. CARNELL ROY E. DEWEY A J. L. JACKSON	2 3 3 3 3 3	5		SAINT LOUIS WASH UNIV SALEM SALISBURY SAVERTON LOCK & DAM 22 SEDALIA	7506 7514 7578	ST L CITY DENT CMARITON RALLS PETTIS	6 5 2 6 7	38 39 37 38 39 26 39 38 38 42	90 19 91 33 92 48 91 16 93 14	537 1206 723 472 910	8A 7A 6P 7P 5P	7A 6P 7A	J. HOPP R. BRUST E. E. MAR7IN DAVID H. ROBERTSON LOCKMASTER DR. J. E. CANNADAY	2 3 2 3 2 3 2 3	5 6 5 7 5 5 5 5
DON-1 PHAN DON-PHAN 2 W EAST END EDGERTON ED1NA	2289 RIPLEY 2294 RIPLEY 2406 IRON 2474 PLATTE 2482 KNOX	1 36 37 1 36 37 5 37 41 7 39 30 6 40 10	90 51 91 02 94 38 92 10	- B56	6P 7/	BOYCE LACKEY A GEO. BAUMGARDNER A C. O. SMITH A RODORA L. PERRY A PAUL D. PETTIT	2 3 3 2 3 3	5		SELIGMAN SEYMOUR 4 NNE SHELBINA SHELBYVILLE SIKESTON	7674 7720 7728	BARRY WEBSTER SHELBY SHELBY SCOTT	12 6 6	36 31 37 12 39 41 39 48 36 53	93 56 92 45 92 03 92 02 89 35	1542 1640 779 - 318		7A 8A 5P	FLOYD E. FAWVER CLAUDE E GARFIT ORVILLE L. PAYNE EMMETT L. GOE LUCY W. HUMPHREYS	2 3 2 3 2 3 2 3	5 5 5 5
ELDON ELDORADO SPRINGS ELLIJAN ELL METON ELLISINORE	2503 MILLER 2511 CEDAR 2519 OZARK 2547 REYNOLDS 2563 CARTER	7 38 20 9 37 52 12 36 36 1 37 14 1 36 56	94 01 92 09 90 59 90 45	-	7/	P ARTHUR ROTHWELL P CLYDE J. SNODGRASS A LOYD PRICE A S. PHRONIA SANDERS A WILLIAM PERKINS	2 3 3 3 3 3 3	5		SIKESTON CROP EXP FARM SILDAM SPRINGS SPRINGFIELD WB AP 4 NW STEELVILLE 2 N STEFFENVILLE	7780 7976 8043	NEW MADRID HOWELL GREENE CRAWFORD LEWIS	9	37 14	89 35 92 04 93 23 91 22 91 53	1265 - 650	5P MID 6P	96 7A MID 7A 7A	CARL O. LUPER BESS M. BYERS U.S. WEATHER BUREAU ALFRED E. GOODMAN FANNIE V. GROSS	2 3 2 3 2 3	5 5 7 5
ELSBERRY FAIRLAX FARMINGTON FARMINGTON CAA AP 1 SE "AYET"E	2591 LINCOLN 2729 ATCHISON 2809 ST. FRANCOIS 2811 ST FRANCOIS 2823 HOWARD	6 39 10 7 40 20 5 10 37 47 6 37 46 7 39 09	90 47 95 24 90 26 90 24 92 41	896 928 760	8A 84 7P 64 4ID MII 6P 6I	SOIL CONSERV SERV DILLARD A. PRICE F. M. KARSCH DU.S. CIVIL AERO ADM PIRVIN E. SCHNELL	2 3 2 3 2 3 2 3	5 5 5 5		STOVER SULLIVAN 5 E SUMMERSVILLE SUMMER 2 SW SWEE7 SPRINGS	8171 8184 8188	MOPGAN FRANKLIN TEXAS LIVINGSTON SALINE	5	38 26 38 13 37 11 39 38 38 58	93 02 91 04 91 40 93 17 93 25	700	6P	7A 7A 7A	H. KYLE VICKREY GEORGE J. HUSSMAN RUTH WALL JOHN W. GUILFORD H. F. NELSON	3 3 3 2 3	5
FISK FORSYTH FOUNTAIN GROVE WILOLIFE FREDERICKTOWN FREMONT TOWER	2881 BUTLER 2975 7ANEY 2995 LIVINGSTON 3038 MADISON 3052 CARTER	10 36 47 12 36 41 4 39 42 10 37 33 1 36 58	93 06 93 18 90 17	670	SS S:	A FRED LOVELL A OT70 KENYON 5 MO CONS COMM A R. H. LESLIE A U.S. FOREST SERVICE	3 3 2 3 3 3	5		TARKIO TECUMSEH TOPAZ 4 NE TPENTON TROY	8313 8412 8444	ATCHISON OZARK DOUGLAS GRUNDY LINCOLN	12	40 27 36 37 36 58 40 05 38 59	92 12	- 822 -	6P 5P	7A 8A 7A	LESTER 8. MORTON RAY H. HUNT EARL 1. MC MILLAN W. H. ESTES ROBERT L. NICHOLS	2 3 3 3 2 3 3	5 7
FULTON 4 SW GALLINA GAULATIN 2 ME SERALD SOWEP 2 N	3079 CALLAMAY 3094 STONE 3102 DAY;ESS 3178 FRANKLIN 3300 CLINTON	7 38 51 14 36 48 4 39 56 5 38 24 7 39 39	93 28 93 57 91 20 94 36	- - 980	7/ 6/ M11	F. E. MILLGARTNER MAROLD O. STEWART FRANK M. MERSHBERGE EDWIN M. VEMMER PATRICIA W. GRIER	2 3 3 3 3 3 3	5		UNION 1 SE UNIONVILLE VALLEY PARK VAN BUREN VANDALIA	8561 8569	FRANKLIN PUTNAM SAINT LOUIS CARTER AUDRAIN	5	36 59	90 59 93 00 90 30 91 00 91 30	520 1062 - 766		7A 7A	CORNELIUS SIEGES GEORGE D. CHOATE FLOYD Y. GIBBS MERLE A. SMITH NAOMI K. STOUTZ	2 3 2 3 3 3 2 3	5 5 7 5
GRANDY GRANT CITY JRE NYI LE 4 NNW GRESORY LANDING GROYESPRING	3341 NEWTON 3369 WORTH 3451 WAYNE 3463 CLARK 3483 WRIGHT	12 36 55 4 40 29 10 37 11 6 40 16 3 37 24	94 15 94 25 90 28 91 30 92 37	1134 410 -	6P 7/ 5P 7/ 8/	MILDRED B. HATCHER J. HOMER KORN C. L. RUBOTTOM ALBERT J. RUDDICK ROY W. MCNELEY	3 2 3 2 3 3 3	\$ 5		VANZANT & SE VERSAILLES VICHY CAA AP 2 NW WACO WAPPAPELLO DAM	8603 8614 8664	DOUGLAS MORGAN MARIES JASPER WAYNE	7 3	38 26 38 08 37 14	92 16 92 51 91 46 94 35 90 15	1125	MID	SP MID 7A	C. D. SMITH GENE N. BARTRAM U.S. CIVIL AERO ADM LESTER O. SIGARS U.S. ENGINEERS	3 2 3 2 3 3 2 3	5 5 7 5
HA EY HAND BAL MATER WORKS HARRISONY LLE HAZLEGREEN 2 W	3537 BARRY 3596 MARION 3601 MARION 3649 CASS 3713 LACLEDE	3 37 46	91 21 91 21 94 20 92 27	759 712 ) 904	41D MII	WILLIAM MADISON GROVER C. VAN DYKE ROGER C. HIGGINS J. B. PATTERSON MELVIN R. GALLION	3 3 2 3 2 3 3	5 5	,	WARRENSBURG CENT T C WARRENTON 1 N WARSAW NO. 1 WARSAW NO. 2 WASOLA	8725 8733 8738	JOHNSON WAPREN 8ENTON BENTON OZARK	6 9	38 49 38 15 38 15	93 44 91 08 93 21 93 21 92 34	878 887 687 -	5P 5P 5P	8A 5P 7A 8A 7A	CENTRAL T COLLEGE W. T. ZIMMERMAN DORA JOHNSON JOHN W. BURKE A. W. PINCKNEY	2 3 2 3 2 3 2 3	5 5 7 5
HERMILAGE HOW TON JACK ON JEFF CITY RADIO KWOS	3793 GASCOMADE 3799 MICKORY 4019 7EXAS 4226 C GIRARDEAU 4271 COLE	7 38 42 9 37 56 3 37 20 6 37 23 7 38 35	91 58	- 1	6P 61	A JOSEPH WUNDERLICH HAROLD E. CARLSTROM THE HOUSTON HERALD DANNY SIEBERT KWOS RADIO FARM	3 2 3 2 3 2 3 2 3	5 5 5 5		WAVERLY WAYNESVILLE 2 W WEBSTER GROVES WEINGAGREN WEST PLAINS	8777 B791 8799	LAFAYETTE PULASKI SAINT LOUIS ST GENEVIEVE HOWELL	6	37 49 38 35 37 53	93 31 92 14 90 22 90 13 91 51	507 833	7P 5P	7P 7P 5 P	JESSE J. FOOSE RALPH N. LAND THOMAS J. MC CAWLEY WILLIAM J. MILLER U.S. WEATHER BUREAU	3 2 3 2 3 2 3 2 3	5 5 5 7
JEFFERSON C1 V JERONE JOP-IN CAA AP 4 N KANCKA KANCKA C1°V #8 AP	4276 COLE 4231 PHELPS 4315 JASPER 4349 CLAPC 4359 CLAPC	7 38 34 3 37 56 8 37 10 6 40 25 7 39 07	92 11 91 59 94 30 91 43 94 35	760 988 A	110 M10	ROBT. R. HENDERSON WALTER H. BROWN U.S. CIVIL AERO ADM WESLEY E. HAYDEN U.S. WEATHER BUREAU	3 3 2 3 3 2 3	5 7		WILLIAMSVILLE WILLOW SPRINGS WINDSOR 3 NW ZALMA 5 E	8995	WAYNE HOWELL JOHNSON BOLLINGER	12 9	36 58 36 59 38 33 37 10	90 33 91 59 93 33 89 59	1238 430	6P 6P	7A 7A 6A 7A	GEORGE W. JULIAN ALLEN FRAZEE LOGAN SUTHERLAND J. MONROE NULL	3 2 3 2 3 3	5 5
KANSAS C TY U OF K C KEYTESVILLE & ME K DOER K.NG CITY K.RESVILLE PADIO KIRK		7 39 02 2 39 27 4 39 47 7 40 03 6 40 -3	94 35 92 52 94 06 94 31 92 35	908 - 1010 1095	6P 6F 6P 7F 6P 6F	VUNIV OF K C PERCY W. RYAN SETH B. LODK JOHN M. MARTIN DOW JONES	2 3 2 3 3 2 3	5 5 5													
K RKSV _E CAA AP 7 556 KUSHE ONONG _A BELLE _AKES DE _AMAR	4549 ADAIR 4625 OREGON 4637 LEWIS 4694 MILLER 4705 BARTON	6 40 06 1 36 35 6 40 07 9 38 12 8 37 30	91 39 91 55 92 37	958	6P 7/ 8/ 7A 7/	GENEVIEVE T. SMITH JAMES M. FISHBACK W. S. FRAME MARIE MANN	2 3 2 3 3 2 3 2 3	5 7 5 6 5 6													
LAMPE FOREST SERVICE LATHROD 3 SW LEBANOR 1 EME EEPEP EXINGTON	4727 STONE 4773 ICLINTON 4825 BAC EDE 4844 MATME 4904 BAFAYETTE	7 39 1	94 23 92 39 90 42 93 53	688	6P 6F 6P 7J 7J 7A 7J	ORLEY F. SCOTT CECIL F. HAYS BRODIE D. BARNETT ORVILLE A. MOBERTS WILLIAM M. CULLOM	3 2 3 2 3 3 2 3	\$ 5													
.CKING & N .IMME S 2 S .OCK-MOOD .OUIDIAMA STARKS MUR LOUISIAMA	4919 TEXAS 4978 LINA 5027 DADE 5093 P:KE 5098 PIKE	3 37 33 4 39 50 9 37 23 6 39 26 6 39 27	91 54 93 12 93 57 91 03 91 04	1277 835 1078 469	8A 7A 5F 6P 7A 6P 6F 7A	ROBERT O. DAMSON MERLE WADE HUBERT A. NIEMAN STARK BROS. NURSERY GEORGE A. GARNER	2 3 2 3 2 3 3	\$ 5 5													
LUCERNE NACEDONIA LOCKOUT NACON NACON NACON NACON NACON NACON NALDEN CAA AP 4 100	5121 PUTNAM 5164 PIPLEY 5175 MACON 5183 MONROE 5205 DUNKLIN	4 40 27	93 8 90 54 92 28 92 12	875	7A 7A	O. A. BPOWNING ROY C. ROBINETT JOHN W. A7WELL ENOS WOOD U.S. CIVIL AERO ADM	3 3 2 3 3 2 3	5 7													
DRA , NAGE CODE: 1 8L/	MCK 2 CHAR; TON ;	GASCONA!	DE 4 0	SRAND S	5. MERI	MEC 6. MISSISSIPPI	7. MI	SSOURI	8.	NEOSHO 9. OSAGE 10. SA	AINT F	FRANCIS 11. S	AE IN	NE 12	. SPRIN	13.	TAR	K10	14. WHITE		

#### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state hasis. There will be no duplication of numbers within a state

Figures and letters following the station name, such as 12 SSW, indicats distance in miles and direction from the post office.

Observation times given in the Station Indsx are in local standard time.

Delayed data and corrections will be carried only in the June and Dscember issues of this bulletin.

Montbly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issus of this hulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue,

Unless otherwise indicated, dimensional units used in this bulletin ars: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.
"WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

  And also on a later date or dates.

  Amount included in following measurement, time distribution unknown.

  (Gag is equipped with a windshield.

  Adjusted to a full month.

  Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 incb water equivalent to every 10 inches of new snowfall.

  One or more days of record missing; see Table 5 for detailed daily rscord. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

  Daily values and montbly total from recording gage.

  Trace, an amount too small to measure.

  Includes total for previous month.

  St This entry in time of observation column in Station Index means observation made near sunset.

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W.R.P.C., Kansas City, Mo. -- 3-17-53 -- 1035

- 15 -

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U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

AND STORY

# CLIMATOLOGICAL DATA

**MISSOURI** 

FEBRUARY 1953
Volume LVII No. 2



### MISSOURI - FEBRUARY 1953

H. F. Wahlgren, Section Director - Saint Louis

### WEATHER SUMMARY

February continued the trend of warmer and drier than normal which has prevailed during the entire 1952-53 winter season. The State average temperature was 40.1°, or 6.4° above normal, but slightly lower than the 40.2° of February 1952. It was the 9th February with mean temperature above 40° since records began in 1888. Precipitation averaged 1.65 inches over the State, 0.45 inch below normal. The deficiency was confined to the southern Divisions, the northern section having a plus departure of 0.16.

The mild temperatures of the month were interrupted by cold waves on the 17th, when minimum temperatures ranged from around 5° in the north to near 20° in the south portion, and another on the 21-22d, when temperatures fell to near the same levels as on the 17th. The lowest temperature recorded during the month was 0° at Black on the 22d. The 1-2d, 8-9th, 18-19th, and 26-27th were the warmest periods of the generally warm month. In each of these periods maximum temperatures rose into the 60's over a large portion of the State. The highest temperature recorded by any station, however, was 75° at Warrenton on the 18th. The highest mean temperature was 46.2° at Caruthersville, and the lowest mean was 32.8° at Maryville.

Precipitation was very light the first 11 days of the month, with small amounts of rain on the 5th, and somewhat greater falls on the 10-11th. The 19-20th brought the next and the last significant amounts of rainfall for the month. Monthly totals ranged from 4.63 inches at Deering, to 0.58 inch at Oregon. The average snowfall was an insignificant 0.2 inch, which equaled the February 1935 average, the least of record since statewide records were begun in 1891.

The mild and dry weather allowed spring plowing, sowing of oats and garden-making to begin earlier this year than for several seasons past. Some oats were sown in the southern portion of the State early in the month, and this work was nearly completed in the southwest by the end of the month. Winter wheat made very good progress, considering the slow start it had as a result of last autumn's drought. Improved pastures were furnishing considerable forage in the south portion by the end of the month.

High winds, preceding an intense low pressure system, caused light but widespread damage to roofs, trees and windows, in the Saint Louis area on the 6th. Gusts up to 60 mph were recorded at Lambert-Saint Louis airport.

There were no floods during the month. -- AJC

	Wind	direction		Wind m.	speed p. h.		Relati	ve hum		rages -		Numb	oer of da	ys with	precipi	itation			unset
Station	Preveiling	Percent of time from preveiling	Average	Fasteet	Direction of fastest mile	Date of fastest mile	12,30A CST	6.30A CST	12: 30P CST	6,30P CST	Trace	60'-10	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunnse to s
COLUMBIA WB AP	WSW	13	12.1	44	W	S	65	73	52	55	6	1	2	2	0	0	11	57	5.3
KANSAS CITY W8 AIRPORT	SSW	16	11.3	41	W	20	69	74	54	54	1	6	2	1	0	0	10	59	5.4
ST. JOSEPH WB AIRPORT	S	10	12.5	40	NW	20	74	75	59	59	4	4	2	1	0	0	11	51	5.5
ST. LOUIS W8 CITY	4 1	17 †	11.6	42	SW	5	64	74 †	53 🕇	55 †	3	2	4	1	0	0	10	59	5.9
SPRINGFIELO WB AIRPORT	S5E	19	14.6	59	S	20	75	83	57	58	3	4	2	1	0	0	10	65	5.6

† -- airport data

## COMPARATIVE DATA

	h			

	Т	emperatu	u.e	P	recipitatio	a		Te	emperatu	10	Pı	recipitatio	ao		Te	emperatu	re	P	recipitatio	ac
Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Āverage	Highest	Lowest	Average	Average	No. of days	Year	Average	Highest	Lowest	Āverage	Average	No. of days .01 or more
1888 1889 1893 1891 1892	33.0 29.3 35.5 32.7 37.7	73 73 81 78 71	-17 - 9 - 8 -13 2	2.22 2.74 2.71 2.45 4.31	2.4	7 7 7 6 9	1913 1914 1915 1916 1917	29.8 28.3 39.4 31.4 30.5	78 75 72 78 83	- 9 -11 7 -12 -22	2.15 2.80 3.07 0.98 0.42	8.5 14.0 4.1 5.0 1.4	7 7 8 5 2	1938 1939 1940 1941 1942	41.4 33.0 33.5 32.7 33.0	80 71 78 66 74	- 5 - 9 -11 0 -10	3.20 3.17 1.59 0.58 3.00	5.0 8.6 5.5 2.2 6.6	7 9 9 5 10
1893 1894 1895 1896 1897	27.9 30.8 23.8 35.6 34.8	65 72 77 81 74	-20 -12 -26 -10 -15	2.17 2.70 0.57 1.67 2.51	4.6 11.2 3.3 4.1 8.2	6 6 5 5 7	1918 1919 1920 1921 1922	34.9 35.3 34.5 40.1 35.4	85 71 78 86 80	-25 -10 - 5 5 - 5	1.06 1.96 0.62 1.03 1.83	0.6 6.4 1.2 1.8 1.9	4 7 4 4 5	1943 1944 1945 1946 1947	39.1 37.9 35.5 40.8 28.8	80 82 85 75 73	-10 -21 -13 - 1 - 8	0.94 3.10 4.05 2.81 0.26	0.9 7.5 5.1 2.6 3.5	4 9 9 5 2
1898 1899 1900 1901 1902	35.4 20.4 26.2 28.1 24.0	78 72 70 76 72	- 9 -32 -16 -19 -17	1.61 2.30 4.00 1.74 1.62	0.8 5.3 16.6 7.6 5.5	5 6 10 6 5	1923 1924 1925 1926 1927	30.2 33.8 38.7 39.4 41.3	75 79 78 76 78	- 9 - 5 1 - 4 1	1.58 1.84 1.88 2.07 1.07	1.4 8.1 1.7 2.9 2.3	5 7 6 6 5	1948 1949 1950 1951 1952	33.3 35.3 36.1 35.8 40.2	78 72 74 79 78	- 9 -11 -13 -28 11	2.16 2.58 2.65 4.52 2.25	6.3 1.1 0.8 5.0 2.4	10 7 8 11 8
1903 1904 1905 1906 1907	29.8 30.0 21.5 33.7 34.8	74 82 69 73 77	-25 -18 -40 -13 -15	3.25 1.02 1.68 2.42 1.28	5.9 1.5 13.2 4.8 4.5	7 5 8 7 6	1928 1929 1930 1931 1932	37.0 25.0 44.5 40.9 42.4	73 64 89 75 83	- 2 -23 - 5 5 - 3	2.27 1.96 1.75 2.49 1.47	1.8 9.4 1.3 0.3 2.0	7 7 4 6 6	1953	40,1	75	0	1.65	0.2	6
1908 1909 1910 1911 1912	35.6 38.8 28.3 38.1 28.3	78 71 72 87 72	- 7 - 4 -24 0 -12	4.32 3.24 2.17 3.78 2.51	4.1 3.1 10.2 6.7 14.5	9 9 6 8 6	1933 1934 1935 1936 1937	32.2 32.5 37.4 23.2 32.4	78 79 80 78 74	-22 -26 0 -25 -15	1.45 1.34 1.54 1.50 1.38	4.2 7.0 0.2 4.1 3.5	5 5 5 6 6							

Averages for the period 1949 to date have heen weighted according to area and are not comparable with unweighted values published in this table for earlier years.

					Tem	peral	ture								1	recip	itation				
					_						No.	of Days					Snow.	Sleet, F	fail	No.	of Doy
Station		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Max.	Min.	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More
NORTHERN DIVISION																					
LBANY MITY ETHANY ROOKFIELD RUNSWICK		47.6 49.0 47.5 50.5 47.8	25.7 25.8 25.3 27.3 25.9	36.7 37.4 36.4 38.9 36.9	8.9	59 62		9 7	17+ 21 17 17	786 769 797 723	0 2 0 2 0 2 0 1 0 2	22 (23 (21 (21 (22 (22 (22 (22 (22 (22 (22 (22	2.02	.39 .50 .73	.77 .70 .73 .60	19 20 20 5 20	2.0 .0	1 1 2 7	5+ 6 21	6 5 7 7 6	2 0 2 0 2 1 1 1 1
ANTON L & D 20 ARROLLTON HILLICOTHE RADIO KCHI COLUMBIA W8 AP OLUMBIA U OF MO 9 NW	R	46.7 48.8 49.9 50.4 51.5	25.9 27.4 25.4 28.7 28.4	36.3 38.1 37.7 39.6 40.0	5.2 5.4 5.9	61 62 69 63 64	18 18 26 9+ 18	6 12 11 12 10	17 21 17 17	797 746 759 705 693	0 0 0 1 0 1 0 1 0 1	23 20	2.17 1.56 1.51	.41	.98 .58 .48 .70	20 10 5 10 20	. T .2 T	T 0 T T T	5+ 16+ 16+	5 8 7 5 5	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
ONCEPTION DGERTON LBBERRY -AYETTE OUNTAIN GROVE WILDLIEE		49.0 50.5 50.6 49.9	24.9 25.3 28.1 22.6	37.0 37.9 39.4 36.3M	8.8 4.1 8.8	60 66 65 61	19	9	21 17 17 17	778 712 793	0 1 0 1 0 1	23	1.15	17 51 .50	.58 .54 .93 1.05	5 11 20 5	.0	0 0 T	5	5 6 5 5	1 0 1 0 1 2 1
ULTON 4 SW RANT CITY IANNIBAL WATER WORKS ANSAS CITY W8 AP IDDER	R	50.0 46.2 47.2 50.7 47.6	24.5 24.4 25.5 29.9 26.1	37.3 35.3 36.4 40.3 36.9M	4.2 6.7 6.7 5.7 8.5	63 57 62 64 60	19 23+ 18 18	7	17 17+ 17 21	827 794 685 782	0 1 0 2 0 2 0 1 0 2	23 23 17	1.01 E2.84 1.13 1.51 1.99	66 1.73 73 .35 .45	.57 .65 .44 .63	11 19 20 19 20	.0 5.0 T T	0 1 0 T	5	6 8 5 9 5	1 0 3 0 0 0 1 0
IRKSVILLE RADIO KIRX IRKSVILLE CAA AP 7 S ATHROP 3 SW OUISIANA STARKS NUR IACON		45.8 44.6 50.5 46.6	24.7 23.1 27.2 24.8	35.3M 33.9 38.9 35.7	8.2 8.0 6.1	60 59 64 62	9 9 9+ 19	5	17. 17 17	828 866 725	0 2 0 4 0 0 0 3	25	2.80	1.20	.96 1.00 .35 1.55	20 5 11 20	T T .0	OT	16+	8 5 5 5	2 0 0 0 0 2 1
JARYVILLE JEMPHIS JEXICO JOBERLY RADIO KNCM JEW FLORENCE		43.5 49.0 48.3 49.9	22.1 26.4 27.3 28.1	32.8 37.7M 37.8 39.0	7.0 7.6 4.9	57 65 63 63	26 10 9+ 18	11 10		893 756 720	0 4 0 2 0 1 0 0	25   1	1.18	01. 67	.55 .38. 1.16 .30	5 11 20 11	3.0 0 f	1 0 1 0	5 <del>+</del>	8 5 6 5	1 0
REGON RINCETON IT CHARLES AAINT JOSEPH W8 AP ALISBURY	R	47.3 50.1 53.4 47.7 50.0	26.8 24.5 30.7 27.1 28.3	37.1M 37.3M 42.1M 37.4 39.2	8.3 8.8 5.6	62 66 67 60 64	26 27 18 18+ 18	9 8 13 11	21 22 17 21	777 761 637 766 715	0 3 0 0 0 0 0 2 0 1	20 24 24	.58 2.32 1.36 1.67	79 63	.33 .76 .70 .62	6 10 11 19 20	T .0	0 1	11+	3 7 6 7 5	0 0 0 1 0 1 0 1 0 1 0 0
AVERION L & D 22 HELBINA HEFFENVILLE ARKIO RENTON		48.4 47.6 49.6	28.1 25.2 27.6	38.3 36.4 38.6M	6.5 7.4 9.2	60	9 26 26	1	17 21 7+	741 796 719	0 0	20	.83	64 22 .62	.30	11 5 20	1.0 T	Т	17	6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
NIONVILLE ANDALIA ARRENTON 1 N		43.6	23.7	33.7 41.5M	7.0	57	9	6	17 17	869 659.	0 1 0 0 0 0	25	2.39	.62	.80 .34 .38	20 11 20	.o T	1 0 0	6	6 5 3	3 0
DIVISION				37.5	7.3								1.72	.16			.4				
SOUTHWESTERN DIVISION							-														
NDERSON 1 SW PPLETON CITY OLIVAR OONVILLE WATER WKS UTLER		57.2 53.1 53.6 48.4 54.0	26.2 29.0 31.3 26.7 29.6	41.7 41.1 42.5 37.6 41.8	6.0 7.2 7.3 5.5	68 65 65 64 65	1+ 8 1 19 8	12 13 12	22 21 21 17 21	646 661 625 644	0 1 0 0 0 1 0 3 0 1	24 (0)	.87 .94 2.18	51 80 - 1.16 .40	.77 .58 .56 1.15 .82	11 10 11 20 20	T T .2 .0 T	0 0 0		5	1 0 1 0 2 1 1 0 1 1 0 0
UTLER CAA AP 2 N AMDENTON APLINGER MILLS ARTHAGE LINTON 1 NNW		51.5 53:7 54.4 54.0 49.9	28.0 29.4 29.1 30.9 24.9	39.8 41.6M 41.8 42.5 37.4	3.8	63 64 66 65 63	8+ 9 1 1+ 9	12 11 12 14 12	21 17 17t. 21 17+	700 655 645 622	0 1 0 0 0 0 0 ·1 0 3	20   0	1.48 1.58 1.03	.27	.53 .90 .58 .43	10 11 10+ 11	.1 T T T	0 0 0 0		4	1 0 0 0 0 0 1 0 0
LDON HARRISONVILLE HERMITAGE HEFF CITY KWOS HOPLIN CAA AP 4 N		53.3 53.2 54.9 52.9 53.9	29.9 27.0 24.7 28.6 32.4	41.6 40.1M 39.8M 40.8 43.2	8.5 9.4 8.7 7.4	64 64 65 65 66	18	9	17+ 21 17 17	648 690 700 673 602	0 1 0 1 0 1 0 1 0 1	22	2.11	27 51 64	.75 .97 .91	11 11 10	T .0 .0 T 1.3	0 0 0 0 1	24	5 6 6	2 0 1 0 1 0 1
C UNIV OF K C AKESIDE AMAR LEBANON 1 ENE LEXINGTON		52.6 52.7 52.9 53.5 48.5	28.0 26.5 27.9 30.1 27.3	40.3 39.6 40.4 41.8 37.9	4.7 5.6 5.1 7.4 6.9	64 65 65 63 64	2+ 2+	10 12 12 12 12	17	683	0 0 0 0 0 0 0 1 0 3	23	1.45	.32 37 40 97 32	.44 .99 .97 .83	10 11 11 11 120	.0 T T	0 0 0 0		6 7 1 3 7 5	0 0 0 1 0 1 0 0 0
OCK WOOD		54.3	31.6	43.0	6.0	68	1	13	21	610	0 1	16	1.50	23	.68	11	Т	0		6	2
MARSHALL MARSHFIELD MONETT MOUNTAIN GROVE 2 N		52.1 52.1 53.6	29.9 30.5 30.9	41.0 41.3M 42.3	7.2	62 66 66	1	12		663 630		18	.92	- 1.31	.72	11	1.0	1 0 T	24	7;	
MOUNT VERNON 3 SW HEDJHO HEVADA DZARY BEACH SEDALIA		53.1 56.5 54.8 57.1 52.4	30.6 1 32.0 26.4	41.8 43.6 43.4 41.8 41.3	7.3 6.0 9.5	64 68 67 70 63			17+ 21 21	645 591 598 655	0 0	18 18 15 24	1.09	- 1.28 90 .05 69 59	.56 .42 .90 .42 .69	10	T T T T T T T T T T T T T T T T T T T	0 0		5 3 4 6 5	

### TABLE 2 - CONTINUED

TABLE 2 - CONTINUED					Ten	peral	ure					_					F	recip	itation					
	-										1	No. of	Day	8					Snow.	Sleet. H	ail	No	of Da	ув
Station		6	e		THE.					Days	M	ax.	М	in.		rmal	Day			Depth		More	Moro	-
		Average	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree I	\$0° or Above	32° or Below	32° or Below	De or Below	Total	Departure From Normal	Greatest	Date	Total	Max. De on Grou	Date	.01 or N	.50 or h	or More
SELIGMAN SEYMOUR 4 NNE SPRINGFIELD WB AP SWEET SPRINGS VERSAILLES	R	53.9 51.0 51.6 52.0	31.1 29.7 27.3	42.5 40.7 39.7	5.0 3.9	66 62 64 65 64	4 2 1 18 8	12 13 12	21 21 17+	625 675 703	00000	1 1 1 0	17 19 22	0	.69 1.01 1.45 2.03 2.20	- 1.15 - 1.17 31	.46 40 .72 .65 1.68	11 20 10 20 20	.8 T	0 0 T 0	12+	2 6 7 6 3	0 0	
warrensburg Cent T C Warsaw NO 1 Wasola Waynesville 2 w Windsor 3 Nw		52.3 55.1 54.8 56.1 51.8	30.8 28.4 30.6 26.0 29.2	41.6 41.8 .42.7M 41.1M 40.5	9.1 6.2	63 65 69 66 64	8+ 8 2 2 18	13 10 14 6 9	21 17 17+ 17+ 17		00000	1 0 0 1	19 23 19	000	1.89 1.30 1.19 1.15	35	.97 .60 .70	11 11 11 11	T .0	0 0 0 0 0		6 6 5 5	1 0	0 0 0
DIVISION				41.2	7.1										1.38	60			.1					
SOUTHEASTERN DIVISION																i								
ADVANCE 5 ESE ARCADIA BIRCH TREE BLACK 6 NW CAMPBELL		53.9 53.2 54.2 55.0	29.6 28.1 28.5 19.9	41.8 40.7 41.4 37.5	3.0 6.6 5.1 3.2	64 64 65 66	20+ 2 3 2	15 12 11 0	22 17 17+ 22	646 677 656 764	0000	0 0 0 0	19 21 19 24	0	1.42 1.30 1.88 1.46	- 2.34 - 1.18 62 82	.63 .45 .85	11 20 11 20	.0 .0 T	0 0 0		6 4 8 5	0 0	0 0 0
CAPE GIRARDEAU MO ST CARUTHERSVILLE CHARLESTON CLEARWATER DAM CRYSTAL CITY 1 N		54.0 56.3 54.3 55.8 55.6	32.1 36.0 33.3 28.0 28.9	43.1 46.2 43.8 41.9 42.3	5.9 7.1	65 68 67 65 67	27 27 27 2 2	16 23 19 10 11	17 17 17+ 22 17	611 520 587 641 633	00000	00000	16 7 14 19	0 0 0	1.48 3.66 2.39 1.95 1.52	92 .28	.66 1.72 .77 .58	11 11 20 21 20	.0	0 0 0 0		7 8 5 8 5	2 3 0 2	0 1 0 0
DONIPHAN FARMINGTON FARMINGTON CAA AP GREENVILLE 4 NNW HOUSTON		55.4 53.5 51.9 55.9	26.7 29.3 27.8 28.3	41.1 41.4 39.9 42.1	1.8 4.5 6.3	70 65 65 66	27 2 2 2	11 12 13 11	22 17 17 22	665 657 699 636	0 0 0 0	0000	24 19 22 20	0	2.68 1.98 1.86 1.63	63 54 - 1.09	1.15 .79 .92 .52	20 21 20 11	.0 .0 T	0 0 0		6 6 5 8	1 (	1 0 0 0
JACKSON KOSHKONONG LICKING 4 N MALDEN CAA AP 4 NW MARBLE HILL		55.1 54.8 50.9 54.2 56.0	30.8 32.4 23.8 31.4 27.7	43.0 43.6M 37.4 42.8 41.9	6.5 4.5 5	64 66 62 67 66	2+ 27+ 3 27 2		22 17+ 17 17+ 22	612 599 614 642	00000	0 0 1 0 0	18 14 24 16 22	0 0 0	1.67 2.29 1.15 2.58 1.83	- 1.21 57 - 1.26 - 1.25	.89 1.27 .56 .97	20 11 11 10 20	T .0 .0 T	0 0 0 0		6 8 7 5 4	1	0 1 0 0
PERRYVILLE POPLAR BLUFF PORTAGEVILLE ROLLA SCHOOL OF MINES SAINT LOUIS WB AP	R	54.9 55.7 56.0 51.7 50.2	30.9 31.0 34.÷ 29.9 29.6	42.9 43.4M 45.2 40.8 39.9	5.3 4.5 4.2	66 71 66 65 65	2 28 27+ 3 18	14 16 21 13 12	17+ 22 17+ 17	616 547 693	00000	0 0 0 0 1	16 17 11 19 17	000	1.28 1.84 3.24 1.21 1.38	- 1.05 84 28	.55 .82 1.24 .53	21 20 11 11 -10	.0 .0 .0 T	0 0 0 0		4 7 6 5 5	2 2 1	0 0 2 0
SAINT LOUIS WB CITY SAINT LOUIS UNIV SAINT LOUIS WASH U SALEM SIKESTON	R	50.7 51.5 50.5 53.3 53.6	32.1 33.2 29.7 27.2 30.4	41.4 42.4 40.1 40.3M 42.0	4.7 7.5 6.3 4.5 4.8	64 63 64 67 65	18 2 3+ 3 28	13 13 11 11 11	17 17 17 17 17	652 625		1 0 0 0	12 12 18	0 0	1.69 1.88 1.53 1.20 2.05	19 43 74 - 1.08 - 1.17	.58 .66 .56 .45	20 11 21 10 11	T .0 .0	T 0 0 0 0	12+	76775	2 2 0	0 0 0 0
SIKESTON CROP EXP FARM UNION 1 SE VICHY CAA AP 2 NW WAPPAPELLO DAM WEBSTER GROVES		53.5 54.0 51.3 53.5 51.9	32.0 28.2 28.6 31.1 27.0	42.8 41.1 40.0 42.3 39.5M	3.7 5.0	65 64 63 64 65	20+ 2+ 2 3 18		17 17 17 17+ 17	614 664 694 711	0	0 0 1 0 0	17 20 19 17	0	3.46 .96 1.25 1.58	- 1.24 - 2.03	.91 .53 .62 .80	11 11 10 20	T . 0 T	0000		6 5 4 5	1	0 0 0
WEINGARTEN WEST PLAINS WILLOW SPRINGS		54.8 53.2 52.8	30.4 28.2 28.7	42.6M 40.7 40.8	2.1	66 65 65	2 2+ 2	12 14 13	17 17+ 17+	615 673 674	0 0 0	000	16 22 22	,0	1.42	- 2.07 - 1.09	.69	10 11	T	T	20	6		0
DIVISION				41.7	4.8										1.83	89			Т	1				
STATE				40.1	6.4										1.65	45			.,2	1				

Table 3			_												_				~											FEBR	16 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	Day 13	of m	onth 15	16	17	18	19	20	21	22	22	24	25	26	27	28	29	30 3
ADVANCE 5 FSF ALBANY	1.42					.05	•06			T	.05	-63	12	15	17	13	T .	1,	10	.03	.60	¥ .	22	20	27	.03	20	- 4	20	20	÷
ALTON 6 ENE AMITY ANDERSON 1 SW	2.01 2.30 2.02 1.27					Т	.56		т	•	• 16	1.40	.01			т	т			.10	.80 .70 .38	Т			. 09	.03	7				
ANNAPOLIS 7 SW APPLETON CITY	2.08					T •18	•01				•03 •58	. 15	.05							.07	T	1.00			.11	Т	γ				
ARCAOIA AUXVASSF AVA RANGER STA	1.30 .95 .85					.06					•29 •05	•42 •41 •42								•75 •19 •12	.45				T • 15	T					
BELLEVIEW BERNIE BETHANY BIRCH TREE BLACK 6 NW	1.02 2.69 2.15 1.88 1.46					•03	.36 .72 .04				•34 T	.43 1.05 .30 .85	• 05		ı		T	•01		.08 .04 .13	.09 .76 .73 .31	.50 .38 T			. 10	.01 .03 .02	.07				
BLOOMFIELO 80LIVAR BOONVILLE WATERWKS ROWLING GRFEN BRAOLEYVILLE	2 • 35 • 94 2 • 18 • 73	_			_		•53 •17 •11				•17 •24 •19	.60	. 05 T				Т			T T •05	.65 .17 1.15	. 52			.09	7	.02				
RROOKFIELD RRUNSWICK BUFFALO	1.99 2.37 1.16					.60	•08 •46				.40 .24							т		.25	.43 1.2~	T •13			• 02 T	.02					
BURLINGTON JUNCTION	1.42						•02 •53				-01	- 45	• 02			.07				.10	.17	.43					.06				
BUTLER AUTLER AP CAA 2 N CAMOENTON CAMPRELL CANTON L ANO 0 20	1.64 1.51 1.48 -	-	-	T - T	-	T T -	- 35	-	-	*11 -	•48 •53 •14 -	.90	- T	-	T -	-	T T -	_ T		.02 .48 .13 -	.82 .31 .20 -	.01 - T	-	_	.08 .08 .10	T	- T	- )	-		
CAPE GIRAROEAU MO ST CAPE GIRAROEAU CAPLINGER MILLS	1.48			•01	•02	.10	.04				•03 T	. 66 . 25	T • 02				7			.03 .01 T	.61 .35	.18			T .16	т					
CARROLLTON CARTHAGE	1.58 2.17 1.03					• 45	•02				•58 •58 •06	.43								• 35	.46				.03 .13	.03					
CARUTHERSVILLE CASSVILLE RANGER STA CENTERVILLE CENTERVILLE RANGER STA CENTRALIA	3.66 1.12 1.54 1.72 1.21	•09					.22 .10 .07				.05 .02 .11	.37 .45	. 01 . 03			Т				.03 T .12 .12	.67 .25 .50 .48	.43 .15 .42 .46			Т	*10 *07 T	T				
CHADWICK CHARLESTON CHILLICOTHE 2 S	•95 2•39			т		.03	•73				•11	.60	т					T		.08 T	.27	7			т		03				
CHILLICOTHE RADIO KCH1 CLEARWATER DAM	1.56					•48	.10				•25 •41 •02	.16 .56	.04			т	Ť			•13	.26	T .58			T	.02	.02				
CLIFTON CITY CLINTON 1 NNW COLOMA COLOWBIA W8 AIRPORT R COLUMBIA U OF MO 9 NW	1.91 1.00 1.55 1.51 1.76					.11 .13	.10 .36 T				•24 •13 •26 •70 •31	•62 •37 •01	т				T	Т		.53	.87 .25 .56 .16	T			т	*01 T T T	Ť				
CONCEPTION CONCORDIA COOK STATION CRANE MOUNTAIN CROCKER	1.66 1.12 1.68 1.26					•58	•18			Т	•13 •24 •03	•57 •64 •38			т		. 04 T			#17 #06 #26	.17 .64 .11 .54	.20				.06			T		
CRYSTAL CITY 1 N	1.52					T۱	.05 T				• 92 • 06	. 38						Т		.16 .18	.65	.08			т	т	т				
DEERING DE SOTO OEXTER	4.63 1.13 2.29	•12					•12 •01 •57				• 09	2.08 .47 .76	.29 T .09							*11 T	.49	.49 .45 .38				.04 T					
DONIPHAN OONIPHAN 2 W EAST END EOGERTON EOINA	2.68 2.65 2.06	-	-	-	-	•20 •	.13 .15	-	-	-	•17 •06 •10	.80	•10 -	-		-	-	-	-	• 73 • 42 =	1.15 .86 .56	.70	-	=	* 04 T		_	-	-		
ELOON ELOORAOO SPRINGS ELIJAH ELLINGTON ELLSINORE	1.55 1.50 1.39 2.49 1.85					. 02 T	T . 17				.60 .53	.58 .85	•06				т			.07 .06	•11 •21 •44 •45 •58	.93			T • 12	T T •10					
ELSBERRY FAIREAX FARMINGTON FARMINGTON AP CAA FAYETTE	1.15 - 1.98 1.86 2.20			т	т	. 35 . 31	.0+ .91 .44			т	•20 •01 •27 •37	- •42 •12	T T			-	Т			.07 .10 .20	.02 - .22 .92	.79 T			T T	_ T T			Т		
EISK FORSYTH FOUNTAIN GROVE WILOLIFE FREGERICKTOWN FREMONT TOWER	1.90 - 2.02 1.03 1.19	-	-	-	-	1.05	.01	-	-	-	- •65	.65 T	• 05	-	-	-	-	-	-	18 •18 •07 •17	•71 •13 •16 •41	.48 - .42 .35	-	-	T T	- •01 T	-	-	-		
EULTON 4 SW GALENA GALLATIN 2 NE GERALO GRANRY	1.01 1.01 1.76 1.31 1.43					.01	.44				•13 •03 •06 •15 •02	.60 .39	Т				т			•17	. 33	.01 .05 T			• 04	T ,•07	т				
GRANT CITY GREENVILLE 4 NNW GREGORY LANDING GROVESPRING HAILEY	E 2.84 1.63 .77 1.27	-	-	-	-	- 64	.19 -	-	~	~	.34 T T .25	•51	• 03 T		-	.01 -	E •10	-	-	.65 .91 -	.47	- 41	-	- 34	• - T • 28	.50 .01 -	-	-	-		
HANNIRAL MANNIRAL WATEPWORKS MARRISONVILLE MAZLEGREEN 2 W MERMANN	1:13 - :99 1:07	-	-	-	-	•22	-	-	-	-	- •29 •10	.79	. 02	-	-	-	T T	~	-	•10 •06 •11	- •44 •73 •12 •20	-	-	.01	-	- -	-	-	-		
HERMITAGE HOUSTON JACYSON JEFF CITY KWOS JEFFFRSON CITY	2 • 11 - 1 • 67 1 • 25 • 88	-	-	-	-	.01	- •07 •03 •01	-	-	-	.20 .02 .09	- 66 •91	Ť	-	-	-	±26 -	- † T	-	.6? -02 .17	T - •B9 •02 T	03	т	-	- T	*06	T T T	_	-		ì
JEROME JOPLIN AP CAA 4 N KAMOVA KANSA' CITY WR APT K C UNIV OF K C	1.30 1.04 1.83 1.51 1.53					:11	.37	т		.01	.06 .55 .18 .46	•04 •25 •03	• 01		• 05		т			•19 •63 •41	.07	. 27			•15						
VEYTESVILLE 4 NF V100ER V1NG CITY	2.17	_	_	_	-	_	.42 .40	_	_	_ {	. 26	-	<u>.</u>	_	-	_	-	-	- }	-	.82	-	-	-	-	.05	-	-	-		
MIRKSVILLE RADIO MIRK KIRKSVILLE AP CAA 7 SSE MOTHMORONG	2.73			т		1.00	•06			Ŧ	•68 •55	.75 .15	•01				* 01 T			• 79 • 79	•31	1 . 33			T T	.0? T			т		
LA RELLE  AVAR  LAMPE FOREST SERVICE  FOR AND	2.46 1.45 1.37 .70						•34				. 75	.21 .99	. O-					Т		•02	1.63 .08 .28 .20	.05			T T • 04		т				
ATHEOD 3 "W ERAMON 1 ENE LEEDED	1.22 1.87	-	-	-	-	-	.02	-	-	-	T	- .83 .59	- potes	follows	ng (Stat	tion in	dex.	-		- •10 T	** *11 *63	.06 .48	•	-	Ť	.05	-	-	-		

Table 3-Continued

Table 3—Continued	=		-	-	-	-								Day	y of m	onth.											-		-		
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29 3	C 31
LEXINGTON LICKING 4 N LINEUS 2 S LOCKWOOD LOUISIANA STARKS NUR	1.52 1.15 1.97 1.50					.57	.15 .10 .13				.37 .02 .43 .03	• 27 • 68	.01			Т	т	Т		•10 •22 T	.49 .13 .32 .65	T •23		т	T T •03	.06 T	T	1			
LOUISTANA LUCERNE MACEDONIA LOOKOUT MACON MACON	2.29 1.89 2.80	-	-	-	-	T •12	.78	-	-	-	- •23 •10 •30	.58 .69 .38	-	-	-	-	- T	.06 T	-	T	.68 .62 1.55	т т	-	-	т	-	T .03	-	-		
MALDEN AP CAA 4 NW MANSFIELD MARBLE MILL MARSHALL MARSHEILD	2.56 .91 1.83	-	-	т -	-	- 12	.14	_	-	-	.97 .07 -	.25 .32 .63	т -	-	-	-	   -   -	-	-	.60 .12 T	.64 .18 .66	• 22 • 40 -	-	-	T 	T - T	-	-	-		
MARTINSBURG MARYVILLE MEMPHIS MERCER 8 NW MEXICO	1.02 1.42 - 1.87 1.18	-	-	-	-	•55	.76 .05	-	-	T _	•24 •22 - •29 •26	.36 .18 .09	-	-	Ţ	T _	-08 - T	T -	-	•13 •10 -	.15 .18 -	•01 •04 -	-	-	Ţ	•07 ~ *	T	-	<u>T</u>		
MIDDLETOWN 5 NE MILAN MOBERLY RADIO KNCM MONETT MONROE CITY	.81 2.30 1.78					.05	.07				.22 .25 .07	.65					т			•16 -	7 •73 1•16	• 05			-	-					
MOREHOUSE MOSELLE MOUNTAIN GROVE 2 N MOUNT VERNON 3 SW MEDSHO	2.03 1.30 .92 1.32 1.09					т	• 33 T	т			•11 •02 •56 •26	.60 .46		т						T •40 •02 T T	.74 .30 .24 .22	.15 T			.01 .08 T	.02 .05					
MEVADA NE'B BOSTON NE'B FLORENCE NE'B MADRIO MOVINGER 1 E	1.80 2.49 .79 4.00	_		-	T _	T .09	.79 T .78	_	_	т -	•50 •34 •22 T	.90 .24 .30 1.56	•26 -	_	_		т _	_	_	12 T	.25 1.12 .06 .62	.76	_	_	- 15	т –	T T	_	-		
OATES TOWER ODESSA OREGOM DSCEOLA 3 NE DWEMSVILLE	1.52 .56 1.33	-	-	-	-	-	- •20 •33	-	-	-	T T •09	- •46 •21 •88	-	-	- -	- •04 -	-	-		-	- .80 T .30	-	-	-	- •06 •05	- T T •01	-	-	-		
DZARK DZARK BEACH PACIFIC PALMYRA PARIS	1.07	-	-	-	-		.20 .35	-	-	-	.06 .09 .18 .18	.60 .42 .53 .22	T .02	-	-	_	-	<u>T</u>	-	•10 •06	.36 .30 .02 .60	• 22 - -	-	-	•05 •06	т –	_	_	-		
PARMA PERRYVILLE PIERCE CITY PLEASANT HILL POLO	2.49 1.28 1.18 1.80					т	.17 .21 .14				T •02 •14 •16	1.21 .32 .83 .60 .48	, 02			т	т		Т	T T •23	.82 .20 .82 .48	•29 •55			. 06	.02 .10					
POPLAR BLUFF PORTAGEVILLE PRINCETON PUXICO QULIN	1.84 3.24 2.32 1.89 1.77	.03				۵55	.02 .32 .13 .05				T •36 •76 •02	.58 1.24 .15 .54 .75	•10 •06 •03							T •05 •33	.82 1.23 .37 .85	.28 .04 .37				•01 •03					
REYMOLDS RICHWOODS RDBY ROLLA SCHOOL OF MINES ROUND SPRING	1.45 1.04 1.10 1.21 1.12					т	.10 .05 .05				.05 .08 .02 .03	•35 •47 •56 •53 •42	т				т			•12 •13 •18 •70	•35 •01 •21 •24	.48 .30 .24 .23			т	•02 T					
SAINT CHARLES SAINT JOSEPH WB AP R SAINT LOUIS WB AP 12 NWR SAINT LOUIS WB CITY R SAINT LOUIS UNIV	1.36 1.67 1.38 1.69 1.88					T • 44 • 02 • 25 • 20	09 T			.05	•15 •43 •63 •48 •19	.70 .03 .28 .20	Ť		т		T T T			.07 .62 .11 .16	.03 .05 .34 .58	.32 T			т	.05 T .01	*01 *01				
SAINT LOUIS WASH U SALEM SALISAURY SAVERTON L AND D 2 SECALIA	1.53 1.20 2.37 .83 1.55					*41 T	*14 *15 T *16 *11				*13 *45 *49 *11 *12	.51 .26 .30 .69	т				т	T •01		.16 .10 .25 .03	.01 .20 .96 .22	•56 •10	•10	.10	т	T .02	•02 T				
SELIGMAN SEYMOUR & NNE SHELRINA SHELRIVILLE SIKESTON	2.27 2.05	- T		-	- т	.05	T -	-	-	. 23	T	.46 .36 - .44 .81	.07	- т	-	т	-	-	-	.02 - .23	.23 .40 - 1.04 .48	T T -	-	-	. 01	T -	~	-	-		
SIKESTON CROP EXP FARM SILDAM SPRINGS SPRINGFIELD NB APT R STEELVILLE 2 N STEFFENVILLE	3.46 1.53 1.45 1.14	-	-	T _	-	-04	- 72	т -	-	•01 -	.86 .72 .05	.91 1.10 .06 .61	т -	-	-	-	-	-	T		.90 .43 .47 .09	• 25	_	-	.06	•03	-	-	-		
STOVER SULLIVAN 5 E SUMMERSVILLE SUMMER 2 SW SWEET SPRINGS	1.44 1.07 1.18 2.04 2.03					T •13	T .69	.01			.09 .08 .02 .26		T •01				T T	T T		19 •17 T •36	.63 .01 .33 .66	•24 •17 T			T T, #04	T T.02	•01				
TARKIO TECUMSEM 2 N TOPAZ 4 NE TOPAC 4 NE TORNON	1.06 1.24 1.19 2.20 1.19					.45 .01	.09 .64 .05			Т	•21 •04 •10 •34 •30	.60	•11		Т	•05	Т			.10 .12		T .18			.06	.08	т				
UNION 1 SE UNIONVILLE VALLEY PARK VAN RUDEN VANDALIA	0.96 2.39 1.20 - 1.21						.69 .07			• 22	•11 •24 •08	.34	.03 T				т	T		•11 •01 •12 •35 •25	.03 .80 T .80 .28	•18 T •42				т	T T				
VANZANT 4 SE VERSAILLES VICHY AP CAA 2 NN WACD WAPPAPELLO DAM	1.44 2.20 1.25 2.03 1.58					т	.05 .09				.12 .43 .62 .78	•90 •55	T .04				т			.16 .20	.80	•13			T •17 T	T •03					
WAPRENSOURG CENT T C WARRENTON 1 N WAPSAW NO 1 WAPSAW NO 2 WASOLA	1.89 1.69 1.63			т	т	T	.02 .01				.29 .29 .06 .07	.97 .93 .60		•22			Т	Т		.15	.57 .31	T T *12			• 02 • 02 • 03	.05 T T .03	* 02 T				
WAVERLY WAYMESVILLE 2 W WEMSTER GROVES WEINGARTEN MEST PLAINS W 6 AIRWAY	1.87					T •16 •04	.28 T			Т	.28 .05 .17 -	.70 1.94 -			т		T T •10		Т	•18 : •26 •22	.35	Т	•55		.04	T a 52	T -				
# LLIAMSVILLE #ILLOW SPRINGS #INDSOR 3 NW ZALMA 5 E	2.16 1.47 1.15 2.10			т	т	т	.15 .04 .22				.03		.07	e follo				Т		.02 .06	.49 .49 .34 .67	.67 .03 T				T T .02					

Table 5					-	=	-	=	=	-			_		_	Dav	OI M	onth		-						-					-		9.0
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Averg
ADVANCE SESE	XAM NIM	54 28	61 25	56 33	51 23	59 33	58 35	57 27	59 23	61	55 43	59	45	47 27	50 27	49	51 29	36 16	58 28	51	64	49	44	56 25	50 30	52 37	58 31	64	55 25				53.9
ALBANY	MAX	37 18	47 27	5 1 26	55 20	48 33	48 27	50 25	50 22	59	51 35	35 26	31	46	45 31	49	44	44	59	53	50 21	24	51 12	56 29	50 30	44	60	53	44				47.6
AMITY	MAX	41	50 28	5 2 2 6	54 26	53	50 26	51 25	51 24	57	52 34	35 25	32 26	47	47	49	48	46	60	54	50	26	51 13	55	51	41	60	57 38	51			-1	49.0
ANDERSON 1 SW	MAX	68	66 25	68	68	65	56	57 25	65	59	59	57	43	48	49	57	52	53	64	57	56 31	32	49	58	54	52	60	63	66				57.2
APPLETON CITY	MAX MIN	63	60	50	62	54	54	54 27	65 29	60	52 41	42 30	45	45	46 32	55	43	53	64	54	53	33	50 17	57 25	44	49	60	59	62				53.1
ARCAOJA	MAX	50	64	62	55	55	55	51	60	59	56	50	42	50	50	50	50	45	60	54	50	45	48	56	50	35	58	60	58				29.0
BETHANY	MAX	38	30 48	50	1.9	52	48	53	50	58	53	36 36	31	46	43	48	28	12	55	38	43	15	50	26 56	52	33	59	31 50	21				47.5
SIRCH TREE	MIN	57	26 57	25 65	26 55	32 54	28 56	31 54	61	58	35 53	25 54	25	19	30 48	53	10	7	60	35 54	59	45	13	28 55	26	33	28	38 63	64			1	25.3
BLACK 6NW	MIN	32 60	31 66	65	55	40 56	50	23 54	62	43 59	55	34 55	43	57	52	52	30	47	62	38 60	57	15	11	11	53	38	30 59	61	33 57				28.5
BOLIVAR	MIN XAM	18	15	26 58	60	35 58	53	15 54	10	26 57	57	28 53	23	15	18	17	49	3 50	62	34 54	38 54	30	0	10	52	28	20 56	56	14				19.9
8DONVILLE WATERWKS	MIN	50	40	36 54	27 47	45 55	32 55	33 50	32 50	60	63	31 50	30	23	33 45	28	26	15	35	41 64	27 53	13	19	26 46	32 55	36	28	38	27				31.3
8ROOKF I ELO	MIN	20	20	28	25 51	27 52	27 51	29	28 53	28	44 57	31 48	29	23	23	27	27	12	13	60	41 52	13	13	22	33	34	31	32	28				26.7
BRUNSWICK	M IN MAX	17	29	27	24	36	30	27	24	40	42 61	29	27	20	29	23	15	10	33	40	30	11	15	28	28	34	29	40	26				27.3
BUTLER	MIN	19	18	29	26	26	33	28	26	27	39	31	30	23	22	27	24	13	12	35	41	14	13	20	29	33	30	31	26				25.9
	MIN	58	35	33	62 26	41	30	26	30	48	40	30	29	21	33	23	50	13	39	45	53	12	18	27	33	36	29	31	27				29.6
BUTLER AP CAA 2N	MIN	58	59 34	31	61 25	53 33	29	27	63 30	56 46	52 34	36 28	26	22	30	52	17	53 14	38	52	52 17	12	19	55 28	32	32	59 28	33	58 25				51.5
CAMDENTON	MAX	57	63 40	33	30	57 45	56 29	52 26	54 32	64	56	29	30	52 21	48 32	52 28	51 32	51 11	38	57 40	35	12	49 15	59 31	53 30	33	58 28	36	58 25			- 1	53.7 29.4
CAMPBELL	MAX																																
CANTON L ANO O 20	MAX	38 27	42 23	37 25	50 20	50 36	48 33	50 25	46 20	53 31	48 38	46 30	33 28	45 19	45 30	19.	39 14	34 6	61 27	53 35	53 35	37 13	47 14	55 30	52 27	44 29	58 29	55 38	47 23				46.7 25.9
CAPE GIRARDEAU MO ST	MAX	53 29	61 31	55 33	53 26	59 39	58 36	55 32	59 29	61 40	55 47	58 40	43 31	45 27	51 31	48	55 30	38 16	58 30	55 40	63 47	48 20	42 18	57 28	51 34	52 38	59 33	65 37	54 29				54.0 32.1
CAPLINGER MILLS	MAX MIN	66 25	64 34	54 37	62 22	57 42	55 30	56 27	65 28	57 47	56 45	52 30	46 30	48 20	48 30	54 24	50 24	50 12	63 39	58 43	53 25	33 12	49 16	58 26	46 31	48 36	59 28	56 30	60 22				54.4 29.1
CARROLLTON	MAX NIN	41 19	47 30	45 28	55 22	50 33	50 30	50 26	54 26	56 42	55 41	41 29	35 29	45 20	47 30	48 23	45 17	45 13	62 33	55 42	50 27	29 12	49 15	55 26	48 27	44 32	58 29	57 41	51 24			1	48 · 8 27 · 4
CARTHAGE	MAX MIN	65 27	64 39	58 35	65 27	58 47	54 33	53 32	61 32	57 45	58 44	44 31	44 31	47 20	44 35	53 22	51 26	51 15	62 38	56 43	54 27	30 14	47 18	55 30	50 32	50 36	58 28	63 34	61 25				54.0 30.9
CARUTHERSVILLE	MAX MIN	54 39	65 35	60 37	56 33	63 40	63 37	60 35	62 33	64 41	56 50	59 47	54 34	45 29	49 33	49	56 37	47 23	60 31	56 41	65 50	50 26	44	56 28	53 39	49 41	58 36	68 39	56 37				56.3 36.0
CHARLESTON	MAX	50 31	63 29	53 37	54 26	61 39	58 37	58 31	60 27	62	61 48	58 43	44	46 30	51 33	49	55 32	39 19	58	5 5 4 1	64 49	49	43 19	52 30	48	51	57 34	67 37	55 29				54.3 33.3
CHILLICOTHE RADIO KCHI	MAX	44	47 30	48 28	54 19	49 32	47 29	51 22	50 22	57 38	56 41	41 28	35 27	45 18	47 27	47	47 16	44 11	61	60	46 28	28	50 15	57 23	55 25	46	69 13	68	49				49.9
CLEARWATER OAM	MAX M IN	60	65	62	56 23	55 33	57 33	53 26	62 20	60 35	59	58 36	44	50 24	51 27	52 28	5 0 3 2	46 13	62 22	58 38	59 43	48	48 10	59 19	55 31	50	5 9 3 0	63	61				55 • 8 28 • 0
CLINTON INNW	MAX	56	57	58 31	52	60	54 28	52	53	63	58	52 31	32	43	42	42	53 27	29	50 18		53	43	30 14	48	56 28	42	48	59 22	50				49.9
COLUMBIA WE AIRPORT	MAX	45	56 32	50	54	57 36	50	52	59 27	63	52	49	39	47	49	49	44	43 12			53 18	29	48 15	56	44	44	58 31	55	52				50.4
COLUMBIA 9NW U OF MO	MAX	45	57	50	54	55	51	52	58	62	54	49	40	47	49	49	48	44	64	60	53 29	29	48	57 32	54	46	59 29	57	52				51.5
CONCEPTION	MIN	20	32 47	49	55	53	48	48	48	55	53	30	31	44	45	48	49	44	59	60	49	25	50	55	55	48	59 27	59 37	48 27				49.0
CRYSTAL CITY IN	MIN	16 53	26 67	62	54	30 58	26 56	26	60	35 65	55	53	23	19	30 54	50	8	9	33	56	59	6	51	63	60	49	61	56	64				55.6
OONIPHAN	MIN	25	26 66	50		36 58	30 59	59	64	39 64	56	36 57	32 48	52	52	55	26	11		39 53					47		52		58				28.9
EDGERTON	MIN	24	22	30	23	31	31	25	20	31	46	37	31	18	27	23	31	12	21	39	40	20	11	18	32	30	28	25	22				26.7
ELOON	MIN	53	63	51	59	57	53	52	63	62	56	52	44	48	49	51	47	48	64	60	54	32	49	57	53	46	58	54	57				53.3
ELSBERRY	MIN	21		30 55	25	39 55	31 55	29 52	26 53	45 53	64	32 48	30 47	42	32 50	27 50		13			31 54	13	17	32 50	36 60	31 49	30 47	37 59	28				29.9
FARMINGTON	MIN	21	24	27	18	57	32 56	25 52	20 61	60	35 53	43 57	31 43	23 50	26	27	28	9	14	36	40 58	11	12	21 59	26	26 47	31 59	38 59					25.3
FARMINGTON AP CAA	MIN	26				41 57	31 53	25		33	50	33 57	29	23	31		25	12		39	43	15	15	26 57	34	35	32	40					29.3
	MIN	26	31	28	21	39	28	24	22	40	45	30	28	24	32	25	18	13	30	39			15	25	33	35	32	31	22				27.8
FAYETTE	MIN	19	31		23	37	31	28	27	42	44	29	27	21				11	32	40	28	12	15	34	30	33	30	40	24				28.1
FDUNTAIN GROVE WILDLIFE	MAX	12	47 25	22	18		24		18			23			26		15	42 5	28		51 28		10		21	27			18				22.6

## DAILY TEMPERATURES

Table 5 Continued									D.	AI.	LX	11	E IV	PE	.R.F	7.1	U.N.	LO												F -	EBRUA	RY 1953
Station			-	-											Т		Of Me	-	10	10	20	0)	00	00	24	25	26	27	28	29	30 3	Average
	-	1	2	3	4_	5	6	7	8	9	10	11	12	13	14	15		17	18		- A	21		23		1			_ L	29	30 3	-
	MAX	54 20	20	58 28	48 25	56 25	58 15	55 28	52 28	59 28	62	49 35	35 29	<b>4</b> 2 20	47 20	48	48	38 5	13	63 31	55 39	14	14	16	31	30	46 27	57 28	53 25			50 • 0 24 • 5
	MAX	43	49 24	54 24	48	47 32	46 26	48 25	47 20	56 36	50 34	35 24	31 24	45 19	43 31	19	41 8	7	31	51 42	15	7	12	57 27	33	34	57 27	47 27	26			24.4
	MAX	62 26	66 23	63	55 21	58 31	58 30	55 24	62 20	61 32	57 47	58 40	45 33	51 23	49 26	5 2 26	49 33	46	60 21	56 41	61 47	20	49 11	59 20	51 32	51 38	60 29	65 28	57 23			55.9 28.3
Interiore watermounts	MAX MIN	32 15	50 24	39 24	53 22	56 34	49 32	50 27	49 25	58 32	48 39	45 29	38 28	45 20	46 27	21	35 10	36 7	62 29	50 38	54 19	28 13	48 14	57 32	50 34	43 33	58 29	51 30	47 26			47.2 25.5
	MAX MIN	52 21	58 35	57	59 29	52 35	56 25	54 26	64 27	56 42	49 36	58 26	28	49 19	48 28	52	47 18	54 11	64 33	56 42		30 9	51 17	57 22	47 32	48 34	61 26	57 33	57 26			53+2 27+0
	MAX MIN	65 23	63	53	62 15	60 39	55	54 19	65 19	61	57 41	53 29	45 29	49 13	49 25	54 25	54 23	47 6	63 31	60 39	54 27	32 11	49 10	59 18	52 28	48 32	59 26	53 25	63 32			54.9 24.7
	MAX M IN						i																					1				
	MAX NI M	55 29	64	55	55 23	59 36	58	57 28	61	62 33	57 47	59 41	44	52 30	49	50	53	41 17	59 27	55 40	63 48	48 21	45 16	57 28	52 32	52 39	59 33	64 32	57 25			55.1 30.8
	MAX	49	60	50	58	59 39	52	53 25	64 22	64	54 45	50 31	43	49	50 31	52	46 24	48 11	65 33	59 40	55 31	31 15	50 14	59 29	46 31	47	59 29	54	55 22			52.9 28.6
JOPLIN AP CAA 4N	MAX MIN	64	63	5 9 3 8	66	62	54	54	63	58	59	38	43	47	45	54	52 23	50 19	62	55 46	55 20	31 15	48 21	57 34	43	51 35	58 29	57 38	62 31			53.9
KANSAS CITY WE APT	MAX	50	51	51	60	53	53	53	62	58	49	33	36	48	46	53	45 17	56 16	64	50 46	53 16	29	51 23	56 34	45	45	62	54	54 31			50.7
K C UNIV OF K C	MAX	23	35 51	31	60	35 60	53	53	30 62	58	33 56	36	37	26 48	33	52	53	54	64	59	53	33	51 20	56 33	55	45	61	59	56 27			52.6 28.0
	MIN	38	29 48	51	55	34 46	49	26 50	29 51	56	34	26 36	30	46	30 46	48	39	46	60	54	49	25	50	54	47	42	57	53	50			47.6
	MIN MAX	36	25	26	39	29	47	50	45	60	26	27	30	24	20	13	37	35	58	50	50	27	47	33 55	33	28	37 58	53	27			26 • 1 45 • 8
	MIN	11	23	24	26 51	32 46	30 47	24	30 47	32 59	39	28 35	30	17	21	23	31	5 36	58	37	51	24	12 47	29 54	30 49	31	27 57	50	46			24.7
	MIN	12	63	25 63	23 57	29 57	27 56	25 54	19 59	33 59	35 56	28 51	25 43	16	27 47	20 53	53	5 41	59	37 60	15	9	10	28 54	54	31 49	26 58	66	23 66			23.1
	M IN MAX	32	33 56	61	29 53	40 60	33 58	36 54	31 53	41 64	45 62	37 56	31	23	36 50	29	30 53	17 36	51	39 65	42 55	18	17 33	25 50	36 60	35 42	32 47	39 59	32 55			32.4
	MIN	25	25	29	20	21	32	23	20	22	45	34	31	24	25	29	32	12	16	63	43 55	15 39	15 34	20	31 57	30 43	31 50	29	22			26.5
	MIN	30	30	35	26	27	30	31	30	35	45	30	30	21	21		29	16	18	39	38	12	14	25	29		26	27				27.9
	MIN						4											49	43	E 4	52	23	47		E 1			60				
	MAX MIN	26	63 38	33	23	58 41	53 30	52 28	63 30	57 45	57 46	50 31	29	21	50 31	51 29	23	12	63 35	56 45	29	31	18	57 31	32	46 35	57 29	35	59 25			53.5 30.1
	MAX MIN	20	20	49 29	50 29	56 31	31	52 31	51 27	61 30	58	49 29	31 28	34 24	48 25	49 26	23	13	52	39	51 43	11	28	50 24	57 34	35	31	32	30			48.5
	MAX MIN	60 21	58 28	62 28	53 18	56 27	55 28	52 20	51 21	60 32	57 41	53 35	40 25	42 18	48 21	48 21	51 26	38 7	13	61 35	53 35	10	31	20	27	29	46 26	56 24	58 18			23.8
404	MAX MIN	68 32	65 35	58 38	64 28	59 45	56 32	56 35	62 35	55 40	59 47	48 31	45 30	48 23	48 25	54 25	48 26	52 15	38	43	47 28	32 13	48 23	58 32	48 32	35	58 29	58 36	61 34			54.3 31.6
	MAX MIN	41 20	55 27	43 26	55 19	57 40	51 34	51 24	51 21	64 34	59 42	49 32	41 30	46 22	48 32	46 25	41 19	38 8	64 26	53 40	57 37	38 15	48 11	58 33	53 27	26	58 30	55 42	50 20			50.5 27.2
	MAX MIN	48 17	41 19	47 26	45 24	52 26	49 31	50 28	51 23	49 24	59 38	48 31	31 29	35 19	45 20	48 21	45 23	27 8	40 12	62 37	50 39	52 11	27 12	48 25	55 31	51 33	41 29	58 30	52 27			46 4 6 24 • 8
	MAX MIN	49 32	64 29	44 35	53 27	61 35	57 36	58 31	63 32	64 35	55 47	61 35	46 33	47	50 31	50 30	54 26	42 18	60 28	54 40	64 31	40 23	46 18	56 26	46 36	52 37	59 34	67 37	56 30			54.2 31.4
	MAX MIN	56 28	66 22	56 33	55 20	58 31	58 32	58 23	62 19	61 29	57	60 40	47 32	50	55 29	52 24	54 30	43 11	60 28	56 40	62 47	50 19	45 10	59 20	52 30	53 37	60 28	65 28	57 22			56 • 0 27 • 7
	MAX MIN																1															
MARSHF1ELO	MAX MIN		62 37			57 43				57	55	51	40 27	44	46	49	48 25	47 13	62	55 38	51 32	32 12	45 15	56 29	50 32	45	54 27	58 35	56 29			52•1 29•9
MARYVILLE	MAX MIN	31	42	46	51		44	46	43	53	44	30	29	43	44	45	40	41	54	50	40	21		53	48	39	57	50	40			43.5 22.1
MEMPHIS	MAX		23	23	23	50		6.1		20	, ,	21	20	17	20	10																
MEXICO	MAX	52	41	56	45	56	58	52	53	58	65	49	35	40	47	50	49	31	41	34	53	53	30 15	49	59	46	44	58	54			49 a 0 26 a 4
MURERLY RADIO KNCM	MAX	40	52	45	52	52	49	51	52	63	53	46	35	45	47	47	40	40	63	52	50	31	46	56	45	43	56	50	50			48.3
MONETT	MIN	62	66	26 64	61	33 65	31 59	55	57	38	43	30 55	27 35	20	31 49	23 51	53	34	51	61	48	37	35	48	42	43	49	57	64			27.3 52.1
	MIN	40	41	35	26	39	28	29	36			32	30	21	30	31	48	47	61	56	57	37	46	53	50	46	54	62	54			30 • 5 53 • 6
	MIN	31	34	36	26	60	30	30	32	42	64	31	28	29	34	29	47	49	59	52	54	30	46	55	46	48	56	60	58			30 • 9 53 • 1
	MIN	26	38	34	26	44	31	30	30	42	46	31	30	23	33	25	54	53	63	59	53	33	20	58	53	52	59	64	65			30.4 56.5
	MIN	26	36	34	26	49	27	26	29	41	50	32	32	22	30	21	32 53	7-4	~0		30	14	15 49	23	33	31	32	31	24			30 • 6 54 • 8
	MIN	29	49	37	30	56	30	34	33	48	42	31	29	23	34	25	40	40	39 63	45	27	13	20	30 57	33	36	29 57	33 58	30			32.0
	MIN	19	30	26	28	43	33	27	26	34	42	30	29	20	32	25	. 20	9	30	38	34	13	13	31	34	31	27	38	25			28.1

Table 5 Continued															1	Day (	OI Mo	onth															e Brown
Station		1	2	3	4	5	6	7	8	9 ,	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
OREGON	MAX	38 18	41	51	57 32	42	50	50 36	50	54	48	31	31	46 21	45	52 21	48 10	50 12	59 34	53 41	43	26 9	51	55 30	50 36	40	62	53 37	48				47.3
OZARK BEACH	MAX	65 26	67 26	7 <b>0</b> 28	64 27	64 28	64	59 29	58 26	68 27	59 45	58 38	40 32	48	54	54	58 29	42 14	56 16	58 36	56 39	52 11	45 12	52 17	60	45	55 31	.62 27	67				57.1 26.4
PERRYVILLE	MAX	53 26	66 28	57 30	54 22	58 38	53 33	54 37	62 36	62 36	56 44	58 37	44 30	55 <b>25</b>	52 30	50 36	50 28	42 14	60 28	56 40	60 46	50 17	48 14	59 26	53 <sup>1</sup> 32	49 35	60 32	61 41	54 23				54.9 30.9
POPLAR BLUFF	MAX	61 29	53 26	65 35	48 27	55 35	59 37	59 29	63 23	63 35	64 47	48	58 32	49 25	49 29	50	55 38	55 17	43 25	60	50 48	63 21	42 16	46 24	58 33	48	54 31	62 32	71 27				55.7 31.0
PORTAGEVILLE	MAX	55 34	63 32	58 37	55 29	63 40	61 35	58 34	60 31	65 38	60 48	60 48	49 34	45 30	49 33	49 30	55 30	41 21	60 32	5 7 41	64 49	50 24	21	57 28	51 38	50 40	57 36	66 36					56.0 34.4
PRINCETON	MAX	40 12	46 21	50 26	53 21	52 32	48	49 23	49 20	58 36	54 37	40 21	41 25	46 18	45 28	45 21	50 16	40 13	60 32	59 42	5 <b>2</b> 30	9	50	56 26	53 26	46 30	61 28	66 35					50.1 24.5
ROLLA MO SCH MINES	MAX	60 25	54 30	65 32	51 26	59 32	57 31	55 33	52 30	63 41	60 46	51 36	37 29	43 22	49 29	49 27	52 31	38 13	20	64 38	54 40	53 14	33 16	42 26	58 36	41 36	47 30	58 37	56 31				51.7 29.9
SAINT CHARLES	MAX	43	64 30	45 29	52 23	55 43	53 38	54 29	57 26	64 38	57 44		41 32	50 26	52 31	50.	46 26	43 13	67 31	58 42	58 48	47 18	51 17	62 30	55 30	48 32	60 32	57 43	52 26				53.4 30.7
SAINT JOSEPH WB APT	MAX MIN	40 20	50 30	51 29	57 26	43 33	51 30	52 26	54 30	56 44	45 30	32 27	33 26	47 22	44 30	51 24	36 14	49 15	60 35	48	49 14	27 11	53 17	56 30	48 32	43 32	60 31	51 30	50 28				47.7 27.1
SAINT LOUIS WA APT	MAX	40 23	62 30	43 28	52 25	55 39	51 36	51 29	55 28	61 38	52 44	51 32	29	47 25		28	45 18	40 12	65 33	52 41	56 25	32 17	48	58 34	47 34	45 35	58 33	53 36	50 29				50 • 2 29 • 6
SAINT LOUIS WE CITY	MAX	40	63 32	44 29	51 30	55 41	51 38	49 35	59 34	60 43	50 45	52 33	30	48 27	49 34	48 29	48 20	42 13	33	52 40	58 27	32 18	49 21	59 37	49	47 38	59 36	52 38	49 35				50.7 32.1
SAINT LOUIS UNIV	MAX	47 24	63 32	49 29	51 30	56 41	51 38	50 34	56 35	60 43	53 45	52 34	41 32	47 28	51 35	47 30	48	40 13	62 32	53 40	58 41	18	48 21	59 38	51 40	46 38	59 35	54 45	48 35				51.5 33.2
SAINT LOUIS WASH U	MAX	58 24	38 24	64 29	41 27	53 30	55 37	51 31	50 30	55 33	60 42	50 45	51 32	41 27	45 28	5 0 2 9	45 30	46 11	39 15	64 37	55 42	58	33	47 21	59 35	49 34	47 34	58 37	53 29				50.5 29.7
SALEM	MAX	61 26	57 31	67 33	53 22	58 22	58 32	54 25	53 26	62 41	59 43	59	48 29	21	52 26	51 26	53 32	42 11	47	63 35	53 39	53 14	35 15	49 19	60 33	42 33	49 29	58 34	22				53.3 27.2
SAL1S8URY	MAX MIN	41 18	52 30	48 28	53 24	51 33	51 31	52 29	55 26	61 41	55 43	49 30	36 2 <i>B</i>	47 22		5 0 2 4	43 19	43	64 32	57 40	51 28	29 13	49 16	57 32	48 31	45 34	58 31	54 41	53 26				50.0 28.3
SAVERTON L AND 0 22	MAX	40 21	52 27	42 27	53 21	57 40	50 32	50 29	47 24	60 35	50 40	45 33	36 30	46 23	44 33	26	42 19	37 9	56 30	56 29	5 <b>5</b> 36	36 16	47 16	57 34	48 29	30	59 32	54 40	48 26				48.4 28.1
SEOALIA	MAX	52 23	57 38	50 32	58 27	57 36	51 30	52 28	63 28	62 46	58 45	50 31	3.9 3.0	45 22	46 33	51 27	50 19	48 13	63 38		53 31	31 12	46 19	55 33	53 37	46 34	58 29	57 37					52.4 30.2
SELIGMAN	MAX	65 35	65 40	63 40	66 31	59 43	53 30	53 34	62 35	55 45	57 46	54 30	40 28	46 20	48 32	5 2 2 4	50 26	50 16	60 26	52 37	48 28	30 12	46 16	55 29	49 32	5 0 3 <b>5</b>	57 28	61 41	62 31				53.9 31.1
SEYMOUR 4NNE	M AX M IN	60 24	62 32	54 35	55 19	55	50	55	60	54	51	51	40	46 19	47	49 23	45	48 12	60 29	54	50 10	30 12	44 15	52 25	30	45	55 30	58	55				51.0
SHELB1NA	MAX																																
SIKESTON	MAX	56 31	49 30	63 30	44 28	55 28	59 34	56 31	58 29	61 30	63 40	57 47	58 32	43 29	47 30	5 0 2 8	50 31	54 19	40 19	58 32	55 41	64 23	39 19	23	51 30	52 38	52 34	58 35	65 29				53.6 30.4
SIKESTON CROP EXP FARM	MAX	49 30	61 28	5 <b>3</b> 35	54 27	59 33	61 35	56 31	58 29	62 37	55 46	58 43	45 32,	29	48 30	48 28	54 30	38 19	57 30	55 39	65 47	23	20	55 28	34	51 39	55 32	65 34	55 29				53.5 32.0
SPRINGFIELO WB APT	MAX	64 30	63 36	56 34	59 29	59 39	51 30	51 34	61 31	54 46	55 46	50 29	41 27	46 22	45 30	52 28	43 19	49 15	61 31			28	46 17	54 25		46 35	55 29	57 37					51.6 29.7
STEFFENVILLF	MAX																		-														
SWEET SPRINGS	MAX	47 21	55 32	51 29	56 21	54 35	52 28	55 22	64 23	61 44	57 35	50 30	38 30	48 20	47 31	51 24	45 19	12	65 38	59 42	52 28	12	51 16	57 28	28	48 31	60 26	55 35	55 23				52.0 27.3
TARK10	MAX	38 18	42	27	24	50 32	49 29	50 26	49 26	37	48 32	38 24	34 23	48 22	46 32	20		11	58 32			7	51 13			34		36	41 28				47.6 25.2
TRENTON	MIN	43		26		50 33	50 30		51 <b>2</b> 3		40	27	26	21	30	31	45 13	10	31	42	28		16		32	34	30	40	48 28				49.6 27.6
UNION 1 SE	MAX	53 24	27	30		42	37		20	35	43	33	31	24	24	25	48 25	11	25	40	47	16	14	26	29	28	31	40	21				54.0 28.2
UNIONVILLE	MAX	34	23	24	47	46 32	27	47 24	21	57 32	47 37	38 27	34 17	43 24	40 27	20	35 9	36 6	55 27	46 37	51 23	8	11	53 28	32	30	56 28	5 O 33	39 24				43.6
VANOAL I A	MAX															i																	
VERSAILLES	MIN					38					45		19					11	32		30					40	26						
VICHY AP CAA 2 NW	MAX		35	29	26	39	30	29	32	44	45	28	28	21	30	26	43	11	35	39	19	12	15	30	35	35	30	33	27				51.3 28.6
WAPPAPELLO OAM	MAX MIN	30	29	35	28	33	39	31	26	32	45	46	32	26	31	30	52 33	17	22	3.	40	20	17	25	31	37	33	36	31				53.5 31.1
WARRENSBURG C T C	MAX	51 23	57 38	30	58 29	56 38	52 29	53 31	63 28	58 45	45	31	31	23	32	26	51 21	14	29	~ 4	29	13	20	22	22	20	50	41	30				52.3 30.8
WARRENTON IN	MAX								25		42	31	30	22	31	25	50 21	9	28	39	46	15	15	32	35	33	29	40	26				54.0 28.9
WARSAW NO 1	MAX	25	32	32	20	46	29	20	21	46	45	31	31	19	30	27	23	10	40	43	31	13	16	24	30	31	30	28	21				55.1 28.4
WASOLA	MAX MIN	32	34	38	29	42	28	36	31	43	6, 4	32		20	31	23	46 29	14	54	,30	,,	1.4	14	25		36	30	40	30				54.8 30.6
WAYNESVILLE 2W	MAX	20	27	28	15	44	28			4 40	45	30	28	16	23	5.5	53 25	6	28	37	33	11	6	20	52 29	5 O 3 2	62 26						56.1 26.0
WEBSTEP GROVES	MAX MIN	44 71	64 26	49 26	53 22	55 37	51 32	50 26	59 25	6° 32	55 40	50 30	42 29	48	51 27	49 25	45 20	41	65 26	55 37	57 36	41	49 13	60 31	30	30		54 39					51.9 27.0

Table 5 - Continued									D	AI	LY	T	EM	IPE	:RA	AT	UR	ES	5												FE8RU/	MI550 ARY 1	
0																Day	Of M	lonth															agn.
Station	-	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avei
WEINGARTEN	MAX MIN	62	65	63	56 23	58 42	56 22	62	62 27	60	57 46	57 34	43	50 23	50 33	49 36		42		58 38	48 45	45 16	49 17	59 29	55 35	49 36	58 33		55 27				54.8 30.4
WEST PLAINS W 8 AIRWAY	MAX MIN	58 27	65 26	53 32	56 24	56 40	56 29	52 26			52 45		29	50 23		52 31		48 14			53 23		49 14	60 20			59 33	65 31					53 • 2 2 8 • 2
WILLOW SPRINGS	MAX	60 27	65 26	5 1 36	56 24	56 40	54 31	54 26	61 23	58 42	54 42	53 32	43 29	50 22	50 30			47 13	62 29		52 32		47 13	57 24	42 32		59 29		54 24				52 • 8 28 • 7
WINDSOR 3NW	MAX	54	58	52	59	53	52	53	63	59	53	49	41	46	46	51		49		56		29	48	56	47			55	56				51.8

## DAILY TEMPERATURES

Table 5

Table 6

																		Day	of mo	nth															erage
	DEP TH	100	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
														C	ONCE	PTIU	n.																		
1	NCH		5PM	32	32	48	48	28	42	41	37	43	38	32	32	38	36	38	30	33	37	40	32	30	37	39	39	38	49	44	40				37.
3	INCHES		5PM	32	32	32	32	28	33	35	34	39	40	35	33	34	35	35	34	33	34	38	36	32	32	32	33	35	40	40	40				34.
6	INCHES		5PM	33	33	33	33	31	34	35	35	37	40	37	34	35	35	35	34	35	35	38	39	35	34	35	34	35	36	39	38				35.
12	INCHES		5PM	35	35	35	35	36	35	36	36	37	39	39	38	37	37	37	37	37	37	38	39	37	37	36	36	37	37	38	38				36.
24	INCHES		SPM	38	38	38	38	38	39	39	39	39	39	39	40	40	39	39	39	39	39	40	40	40	40	39	39	39	39	40	40				39.
36	INCHE5		5PM	43	43	43	43	42	43	42	43	43	42	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	42				42.
72	INCHES		5PM	45	45	45	45	45	45	45	45	45	45	45	44	45	44	44	45	44	44	45	45	44	44	45	44	44	44	.44	44				44.
												5	IKE5	TON	CROP	EXP	. FA	RM																	
1	INCH		5PM	45	49	42	44	49	46	48	47	49	48	49	42	44	45	45	40	40	44	47	51	40	40	46	44	46	47	52	50				45.
3	INCHES		5PM	46	49	43	45	47	47	48	48	49	48	S0	43	45	45	46	43	40	44	46	52	42	41	46	44	47	48	52	50				46.
6	INCHE5		5PM	45	46	43	44	45	47	47	46	47	47	so	44	45	44	45	44	40	43	45	51	43	42	44	43	46	47	49.	48				45.
	INCHES		5PM	44	44	43	43	43	45	45	44	45	46	46	45	44	43	44	44	41	41	43	48	44	42	42	43	44	45	45	46				44.
	INCHES		5PM	45	45	45	44	44	45	45	45	45	46	46	47	46	45	45	45	44	43	44	45	45	44	43	44	44	44	45	45				44.
	INCHES		SPM	46	46	46	46	46	46	46	47	47	47	47	47	47	47	47	47	47	47	47	47	46	46	46	46	46	46	46	46				46.
72	INCHES		5PM	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47				47.0

## EVAPORATION AND WIND

	Station																1	Day o	f mo	nth														
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
LAKESIDE		EVAP	<b>*</b> 5		.09		.14 31							.04 69			.06 33		* 54	.11		.06 126		* 49	.26 68			.08		.09				

## SNOWFALL AND SNOW ON GROUND

MISSOUR FEBRUARY 195

Table 7																														FEBP	UARY	1953
Station																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BE THANY	SNOWFALL SN ON GNO						2.0										T	Т														
BUTLER CAA AP	SNOWFALL SN ON GNO																7				0.1				Т		1					
CANTON LOCK & OAM 20	SNOWFALL SN ON GNO																	T														
CHILLICOTHE RADIO KCHI	SNOWFALL SN ON GNO					0.2 T	Т										Т				T T	Ŧ										
COLUMBIA WB AP	SNOWFALL SN ON GNO											Т	Т				Т				Т	Т			Т							
JOPLIN CAA AP	SNOWFALL SN ON GNO																				Т				1.3							
KANSAS CITY WB AP	SNOWFALL SN ON GNO					Т						T			Т		T			Т	Т											
KIRKSVILLE CAA AP	SNOWFALL SN ON GNO					Т						Т					T T	Т			Т	T							T			
MACON	SNOWFALL SN ON GNO																	T				T										
MALOEN CAA AP	SNOWFALL SN ON GNO												Т																			
NEW FLORENCE	SNOWFALL SN ON GNO																Ţ					Т										
ST JOSEPH WB AP	SNOWFALL SN ON GNO					Т	Т				Т	T			T		T T					T										
ST LOUIS WB AP	SNOWFALL SN ON GNO												Т				Т				Т	Т										
ST LOUIS WB CITY	SNOWFALL SN ON GNO												Т				Т					Т						III III III III III III III III III II				
SPRINGFIELO WB AP	SNOWFALL SN ON GNO												Ţ								Т				0.E							
TARKIO	SNOWFALL SN ON GNO	Т	Т	т		T					,	0.5 T	т		T	0.5	T				T	Т				Т						
UNIONVILLE	SNOWFALL SN ON GNO	Т					1	Т				_ T	Ť				T T					_ T				- T						
VICHY CAA AP	SNOWFALL SN ON GNO												Т				Т				Т				Т							
WEST PLAINS	SNOWFALL SN ON GNO																				T				Т							

						Obe								Γ						Ob	on				
Station	Index No.	County	Dreinage I	Longitude	Elevation	tim		Observer		Rei	0		Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp. gr	Precip. 6	Observer		to bles	
ALTON 6 ENE ALITON 6 ENE ANITY ANDERSON 1 SH	0051	STODDARD GENTRY OREGON DELALB MCDONALO	10 37 06 4 40 15 1 36 42 4 39 52 8 36 36	89 50 94 20 91 17 94 26 94 27	353 872 - 1620 1000	5P 6P 6P 7P	6P 7A 7A	MELLO MORONI WILLIAM J. BUILER LOYD E BLACK O. M. COLHOUR K. M. CHAMBERLAIN	2 2 2	3	5 5 5		MANSFIELO MARBLE HILL MARSHALL MARSHFIELD MARTINSBURG	5233	WRIGHT BOLLINGER SALINE WEBSTER AUDRAIN	12 6 7 12 7	37 06 37 18 39 07 37 20 39 06	92 35 89 58 93 11 92 54 91 39	532 775 1484	6P 3P 5P	5P	HENRY O. BROWN BRYAN A. WILLIAMS MUNICIPAL UTILITIES SHO-ME POWER CD FR H. FREESE	3 :	5 5 7 5	
ARMAPOLIS 7 Sm APPLETUM CITY ARCADIA ALXYASSE 4VA RANGER STATION	0179		1 37 20 9 38 12 10 31 35 7 39 00 12 36 57	90 47 94 02 90 3T 91 54 92 40	800 926	6P 5P	6P 7A 7P	OPAL G. RUTTER F. PAUL EYE ARCADIA COLLEGE C. H. HOOK U.S. FOREST SERVICE	2 2	3	5		MARYVILLE MEMPHIS MERCER 6 NW MEXICO MIDDLETOWN 5 NE	3492 5519 5541 3363	NOOAWAY SCOTLANO MERCER AUORAIN PIKE	7 6 4 6 6	40 21 40 27 40 33 39 10 39 10	94 52 92 10 93 38 91 53 91 22	1169 787 - 800	6P 7A 7A	7A 7A 7A	R. B. MONTGOMERY JOHN W. ALEXANDER OSCAR L. MARTLEY O. N. WOOOS ELOISE M. GRAHAM	2 3 2 3 3 2 3 2 3	5 5 5	
DELLEVIEW BERN E BETHANY B.RCH TREE BLACK & HM	0608 0668 0695	STODDARD HARRISON SHANNON IRON	5 37 41 10 36 40 4 40 16 1 36 59 1 37 37	90 59	1000	5P 5P 7P	7A 7A 7A 7P	BEULAH M. ALEXANDER MAROLD R. SUMMERS CARL W. SLAUGHTER MILDRED E. CATLETT OTTO GOGGIN	2 2 2 2	3 3 3 3 3	5 7 5 5		MONROE CITY MOREHOUSE	5708 5762	SULLIVAN RANOOLPH BARRY MONROE NEW MAORID	6	40 12 39 24 36 55 39 39 36 51	93 07 92 26 93 35 91 44 89 42	850 1310	6P 8A	4P	CHARLES E. SMITH RAO10 ST. KNCM KENNETN G. MEUSER J. S. CONWAY J. A. SPENCE	2 3 2 3 3 3	3 5	
BLOCHFIELD BOLLIVAR BOUNVILLE WATER WORKS WOWLING GREEN BRADLEYVILLE	0789 0817 0856 0878	COOPER PIKE TAMEY	6 39 21 12 36 47	91 12 92 53	440 1071 650	7A	7A 8A 7A	GEORGE E. LONG SW BAPTIST COLLEGE BOONVILLE WATER OEP VIRGIL COOK ELMER A. HUBBARO	2 2	3	5		MOSELLE MOUNTAIN GROVE 2 N MOUNT VERNON 3 SW NEOSHO NEVADA	5834 5861 5976 5987	FRANKLIN WRIGHT LAWRENCE NEWTON VERNON	9	36 23 37 09 37 04 36 52 37 50	90 54 92 16 93 52 94 22 94 21	497 1463 1174 1011 862	3P 6P 5P 6P	11A	ERNEST J. FOSTER MO FRUIT EXP STA. WM. E. KIRCHHOFF U.S. FISHERIES STA. HENRY KRAFT	2 3 2 3 2 3	3 5 5 5	
BROOKFIELD SALINSWICK DUFFALD BUPKER BURL INGTON JUPICTION	1037 1087 1101 1141	LINA CHARITON DALLAS REYNOLOS NODAWAY	4 39 47 4 39 26 9 37 38 1 37 27 7 40 26	93 05 91 12 95 04	-	5P 7A	7A 8A 7A 7A	G. F. BREEN O. K. BENECKE L. N. MOWERTON C. O. HIGHLEY RALPH B. FULLER	2	3	5		NOVINGER 1 E OATES TOWER	6007 6040 6170 6263	LINN MONTGOMERY NEW MAORIO AOAIR REYNOLDS	7 6 2 1	39 57 38 55 36 33 40 14 37 32	92 51 91 27 89 31 92 41 91 03	680	6P	6P 6A 7A 7A	GERALO R. MILL MERBERT H. OAVAULT WESS HENSLEY VERN M. ROBISON ETHEL SUE ADAMS	2 3 3 3 3	5 7	
BUTLER CAA AP 2 N CAMPENTON CAMPBELL CAMTON LOCA 6 DAM 20	1147 12 2 1221 1275	BATES BATE> CAMDEN DUNKLIN LEWIS	6 40 08	94 20 92 45 90 04 91 31	848 870 940 314 488	MIO 1 4P 5P 7P	4P 5P 7A	MARLEY W. JOHNSON U.S. CIVIL AERO ADM MO CONSERV CON MR. M. BOB COMER LOCKMASTER	2 2 2 2 2	3 3 3	5 3 5 5 3		ODESSA OREGON OSCEOLA 3 NE OMENSVILLE OZARK	6357 6407 6438 6452	LAFAYETTE HOLT ST. CLAIR GASCONAGE CHRISTIAN	7 9 3	39 00 39 59 38 03 38 21 37 01	91 30	1093 935 1150	6р	7A 7A 8A 7A	WM. E. DOUGHERTY JAMES M. CURRY SAM H. SIMMONS ANETA E. IMAN WILLIAM L. REEO	2 3 3 3 3 3	5	
CAPE G.RARDEAU MO STATE CAPE G.RARDEAU APE NUER MILLS LARROLLTON LAATMAGE	1304 1340 1356	C GIRARDEAU C GIRARDEAU CEDAR CARROLL JASPER	6 37 18 6 37 18 9 37 48 7 39 22 11 37 11	94 17	347 - - 754 962			TEACHERS COLLEGE LEE L. ALBERT S. E. PRICE HAROLD E. FINLEY PHIL B. OAVIS	2 2 2 2	3 3 9	5 1 3 5 5		OZARK BEACH PACIFIC PALMYRA PARIS PARMA	6468 6493 6509 6532	NEW MAORID	10	36 40 38 29 39 48 39 29 36 37	69 48	700	A8	7A 8A 8A 7A	EMPIRE OIS EL CO ARTHUR O. LEWIS JESSE E. GEORGE J. W. REEO LAURA E. MORGAN	2 3 3 3 3 3	5	
APUTHERSVILLE ASSY LE RANGER STA CENTERVILLE CENTERVILLE RANGER STA CENTRALIA	1383 146 T 1472 1482	PEMISCOT BARRY REYNOLOS REYNOLOS BOOME	6 36 11 12 36 41 1 37 26 1 37 26 6 39 12	92 08	265	5P	7A 7A 8A	VICTOR T. MALLOURE FLORENCE A. KAROW CORDA JANE MARRISON U.S. FOREST SERVICE EARL W. SEYMOUR	2	3 3 3 3	5		PERRY PERRYVILLE PIERCE CITY PLEASANT HILL POLO	6641 6676 6748 6775	RALLS PERRY LAWRENCE CASS CALDWELL	6 8 9 7	39 25 37 43 36 57 38 48 39 33		1018	5P	7A 7A 6A 7A	OLIVER N. HOWARD JOHN S. MAGAN JOHN P. OAVIS DEAN T. KNORPP RALPH C. ULBRIGHT	2 3 3 3 3 3	5	
CHADWICK CHARLESTON CHILL COTHE 2 S CHILLICOTHE RADIO KCHI CLEARMATER DAM	1580 1585 1674	CHRISTIAN M1551551PPI LIVINGSTON LIVINGSTON WAYNE	12 36 56 6 36 56 4 39 45 4 39 46 1 37 07	93 33	771	6P SS 4P	SS 7A	SYLVIA FLETCHER CMARLESTON FIRE DEPT H. O. OUPY RADIO STATION KCHI U.S. ENGINEERS	2 2 2	3	5 5 7		POPLAR BLUFF PORTAGEVILLE PRINCETON PUXICO OUL IN	6799 6866 6934 6970	BUTLER NEW MADRID MERCER STOODARO BUTLER	6 4 10 10	36 45 36 26 40 24 36 57 36 36	90 23 89 41 93 36 90 10 90 15	332 282 835	7A 3P 5P	3P 7A 7A	O. M. RICHAROSON THE PORTAGEVILLE REV E. WAYNE MCCLARAN J. W. STEINMEIER TORRENCE J. JOHNS	2 3 2 3 3 3 3	5 5 5	
CLIFTON CITY C.INTON I HAW COLUMNA COLUMNS'A WH AP COLUMNSIA 9 NW U OF HO	1711 1773 1790 1800	COOPER HENRY CARROLL BOONE BOONE	7 38 45 9 39 22 4 39 31 7 38 58 7 38 59	92 28	-	5P	8A 7A M10 5P	F. S. NEEDY LOYO M. MILLAM JEWEL B. TRUSSBLL U.S. WEATHER BUREAU ROBERT E. LEE	2	3 3 3	3 6		REYNOLOS RICHWOOOS ROBY ROULA SCHOOL OF MINES ROUND SPRING	7122 7214 7263 7309	REYNOLDS WASHINGTON TEXAS PHELPS SMANNON	3	37 24 38 09 37 30 37 57 37 18	92 08 91 46 91 25		94	7A 9A 7A	EFFIE V. HILL ELMA M. DE CLUE ROY E. DANIELS SCHOOL OF MINES C. E. JONES	3 3 3 3	5	
CUMCEPTION CONCORDIA CODESTATION LRAME MOUNTAIN CROCKER	1837 1870 1980 2004	PULASK1	7 40 16 7 36 59 5 37 48 10 37 27 9 37 57	92 15	-		7A 7A 9A 6P	FR. ADELHELM HESS MARTIN BROCKMAN THOMAS J GORMAN ROY E. TMOMLISON CHARLES IDEN	2	3 3 3	5		SAINT CMARLES SAINT JOSEPH WB AP SAINT LOUIS WB AP 12 NW SAINT LOUIS WB CITY SAINT LOUIS UNIVERSITY	7440 7455 7460 7465	ST L CITY	7 7 6 6	36 47 39 46 38 43 38 36 38 36	90 29 94 55 90 23 90 12 90 14	578	M10 M10 7P	6A MIO MIO 7P	CHARLES J. KOENIG U.S. WEATHER BUREAU U.S. WEATHER BUREAU U.S. WEATHER BUREAU ST LOUIS UNIV	2 3 2 3 2 3 2 3	5 5 7 5 7 5 7 5	
CRYSTAL CITY 1 N LUMA DEERING DE SOTO DENTER	2043 2156 2220 2235	JEFFERSON CRAWFORD PEMISCO7 JEFFERSON S700DARO	6 38 14 5 36 04 10 36 12 6 38 09 10 36 47	90 34	-	5P	8A 7A 7A 6A	OSCAR F. TIOD FR C. J. HORNSEY CLARENCE E. CARNELL ROY E. OEWEY J. L. JACKSON	2	3 3 3	5		SAINT LOUIS WASH UNIV SALEM SALISBURY SAVERTON LOCK 6 OAM 22 SEDALIA	7506 7514 7578 7632	ST L CITY OEN7 CMARITON RALLS PETTIS	5 2 6 7	38 39 37 38 39 26 39 38 38 42	91 16 93 14	723 472 910	7A 6P 7P 5P	7A 6P 7A 7A	J. HOPF R. BRUST E. E. MARTIN OAVIO H. ROBERTSON LOCKMASTER OR. J. E. CANNAOAY	2 3 2 3 2 3 2 3	5	
DONIPHAN 2 H EAST END EDGERTON EDINA	2294 2406 2474 2482	RIPLEY RIPLEY IRON PLATIE KNOX	1 36 37 1 36 37 5 37 41 7 39 30 6 40 10		-		7A 7A 7A 7A	BOYCE LACKEY GEO. BAUMGARONER C. O. SMITH ROGORA L. PERRY PAUL O. PETTIT	2	3 3 3	5		SELIGMAN SEYMOUR 4 NNE SHELBINA SHELBYVILLE SIKESTON	7674 7720 7728 7770	BARRY WEBSTER SHELBY SHELBY SCOTT	6 6 6	36 31 37 12 39 41 39 48 36 53		779 - 318	7A	7A 8A 5P 7A	FLOYO E. FAWVER CLAUOE E. GARFIT ORVILLE L. PAYNE EMMETT L. GOE LUCY W. HUMPHREYS	2 3 2 3 3 2 3	5 5	
ELDON ELDORADO SPRENGS ELLJAM ELLINGTON ELLSINGRE	2511 2519 2547 2563	MILLER CEDAR OZARK REYNOLDS CARTER	7 38 20 9 37 52 12 36 36 1 37 14 1 36 56		=	5P	6P 7A 7A 7A	ARTHUR ROTHWELL CLYDE J. SNOOGRASS LOYD PRICE S. PHRONIA SANDERS WILLIAM PERKINS		3 3 3 3	3		SIKESTON CROP EXP FARM SILOAM SPRINGS SPRINGFIELD WB AP 4 NW STEELVILLE 2 N STEFFENVILLE	7760 7976 8043	NEW MAORIO HOWELL GREENE CRAWFORO LEWIS	12	36 51 36 48 37 14 38 00 39 58	93 23	1265		7A M10 7A	CARL O. LUPER BESS M. BYERS U.S. WEATHER BUREAU ALFRED E. GOOOMAN FANNIE V. GROSS	2 3 2 3 3 2 3	5 7	
E.SBERRY FAIRFAI FARMINGTON FARMINGTON CAA AP 1 SE FAYETTE	2809 2811 2823	LINCOLN ATCHISON ST FRANCOIS ST FRANCOIS HOWARD		90 26 90 24 92 41	- 1	7P M10 6P	6A M10 6P	SOIL CONSERV SERV Olllaro A. PRICE F. M. KARSCH U.S. CIVIL AERO AOM IRVIN E. SCHNELL	2 2 2 2	3 3 3	5 5 5	7	STOVER SULLIVAN 5 E SUMMERSVILLE SUMMER 2 SW SWEE7 SPRINGS	8171 8184 8188	MORGAN FRANKLIN TEXAS LIVINGSTON SALINE	5	38 26 38 13 37 11 39 38 38 58	93 17	- 1	6P	7A 7A 7A	H. KYLE VICKREY GEORGE J. HUSSMAN RUTH WALL JOHN W. GUILFORO H. F. NELSON	3 3 3 2 3	5	
FISK FORSYTH FOLM*AIN GROVE WILDLIFE FREDER CKTOWN FREMONT TOWER	2975 2995 3038 3052	MAD I SON CARTER	10 36 47 12 36 41 4 39 42 10 37 33 1 36 58	91 14	670	SS	7A SS 7A	FREO LOVELL OTTO KENYON MO CONS COMM R. H. LESLIE U.S. FOREST SERVICE	2	3	5		TARKIO TECUMSEH TOPAZ 4 NE TRENTON TROY	6313	ATCHISON OZARK OOUGLAS GRUNOY LINCOLN	12	40 27 36 37 36 58 40 05 38 59	93 37	622	6P 3P	7A BA	LESTER B. MORTON RAY H. HUNT EARL I. MC MILLAN W. H. ESTES ROBERT L. NICHOLS	2 3 3 3 2 3 3	5	
FULTON 4 SM GALENA GALLATIN 2 ME GERALD GOWER 2 N	3094 3102 3178 3300	CALLAMAY STONE DAVIESS FRANKLIN CLINTON	7 38 51 14 36 48 4 39 56 5 38 24 7 39 39	93 57 91 20 94 36	980		7A 7A 6P M10	F. E. HILLGARTNER MAROLD O. STEWART FRANK N. HERSHBERGER EOWIN H. VEMMER PATRICIA W. GRIER		3 3 3 3	5		UNION 1 SE UNIONVILLE VALLEY PARK VAN BUREN VANOALIA	8523 8561 8569	FRANKLIN PUTNAM SAINT LOUIS CARTER AUGRAIN	6.	38 27 40 28 38 33 36 59 39 18	91 30	-	6P 6P	7A	CORNELIUS SIEGES GEORGE O, CHOATE FLOYD Y. GIBBS MERLE A. SMITH NAOMI K. STOUTZ	2 3 2 3 3 3 2 3		
GRANBY GRANT CITY GRENV LLE 4 NAW GREGORY LANDING GROVESPRING	3369 3451 3463 3483	IN LOH /	12 36 55 4 40 29 10 37 11 6 40 16 3 37 24	92 37	-	6P SP	7A 7A 7A	MILOREO B. MATCHER J. HOMER KORN C. L. RUBOTTON ALBERT J. RUDDICK ROY W. MCNELEY	2 2	3 3 3 3	S 5		VANZANT 4 SE VERSAILLES VICHY CAA AP 2 NW WACO WAPPAPELLO OAM	8603 8614 8664	OOUGLAS MORGAN MARIES JASPER WAYNE	3	36 36 38 26 38 08 37 14 36 55	92 51 91 46 94 35	1032	5P M10	MIO 7A	C. O. SMITH GENE N. BARTRAM U.S. CIVIL AERO ADM LESTER O. SIGARS U.S. ENGINEERS	2 3 2 3 3 3 2 3	5 S 7	
MA LEY MANNIBAL MATER WORTS MARR JONNILLE MAZLEGREEN 2 #	3396 3601 3649 3713	BARRY MARION MARION CASS LACLEDE	12 36 42 6 39 42 6 39 41 9 38 39 3 37 46	91 21 91 21 94 20 92 27	759 712 904		7A 01M 7A A8	WILLIAM MADISON GROVER C. VAN DYKE ROGER C. HIGGINS J. B. PATTERSON MELVIN R. GALLION	2 2	3 3 3 3	5 5	,	WARRENSBURG CENT 1 C WARRENTON 1 N WARSAW NO. 1 WARSAW NO. 2 WASOLA	8725 8733 8738	JOHNSON WARREN BENTON BENTON OZARK	9	38 46 38 49 38 15 38 15 36 47	93 21	-	5P	SP 7A	CENTRAL T COLLEGE W. T. 21MMERMAN OORA JOHNSON JOHN W. BURKE A. W. PINCKNEY	2 3 2 3 2 3 3 3	5 7	
HERMARN HERM TAGE HOLL'SH KSON JEFF CITY RADID KWOS	3799 4019 4226 427;	GASCOMAGE HICKORY TEXAS C GIRARDEAU COLE	7 38 42 9 37 56 3 37 20 6 37 23 7 38 35	91 SB 89 40 92 12	- 42B	1 521		JOSEPH WUNDERLICH MAROLD E. CARLSTROM THE HOUSTON HERALD DANNY SIEBERT KWOS RAOIO FARM	2 2 2 2	3	5 5 5		WAVERLY WAYNESVILLE 2 W WEBSTER GROVES WEINGARTEN WEST PLAINS	8777 8791 8799	LAFAYETTE PULASKI SAINT LOUIS ST GENEVIEVE HOWELL	6	39 12 37 49 38 35 37 53 36 44	90 22	507 B33	7P 3P	7P 7P 5 P	JESSE J. FOOSE RALPH N. LAND THOMAS J. MC CAWLEY WILLIAM J. MILLER U.S. WEATHER BUREAU	2 3 2 3 2 3 2 3 2 3	5	
JEFFERSON CITY JERONE JOPL N CAA AP 4 N KAHOKA KAASAS CITY #8 AP	4349	PHELPS JASPER CLAPK CLAY	7 38 34 3 37 56 8 37 10 6 40 25 7 39 07	91 59 94 30 91 43 94 35	741	MID	7A M10 8A M10	ROBT. R. HENDERSON WALTER H. BROWN U.S. CIVIL AERO AOM WESLEY E. MAYOEN U.S. WEATHER BUREAU	2	3	5 1		WILLIAMSVILLE WILLOW SPRINGS WINGSOR 3 NW ZALMA 5 E	8984 8995 9032 9178	WAYNE HOWELL JOHNSON BOLLINGER	1 12 9 6	36 58 36 59 38 33 37 10	90 33 91 39 93 33 89 59	-	6P	7A 6A	GEORGE W. JULIAN ALLEN FRAZEE LOGAN SUTHERLAND J. MONROE NULL	2 3 2 3 3	3 5	
ELOKOV LLE RADIO KIRK	4449 4481 4505 4544		6 40 13	94 31 92 35	1095	6P	6P	UNIV OF K C PERCY W. PYAN SETH B. LOOK JOHN M. MARTIN DOW JONES	2 2	3 3	5 5 5														
KIRKJY E CAA AP 7 SSE KOSHKOMCAG LA BELLE LAKE IDE LAMAR	4625 4637 4694 4705	DREGON LEWIS MILLER BARTON	6 40 06 : 36 35 6 40 07 9 38 12 8 37 30	91 39 91 55 92 37 94 16	980	7A	7A	U.S. CIVIL AERO AOM GENEVIEVE T. SMITH JAMES M. FISHBACK W. S. FRAME MARIE MANN	2 2 2	3	5 5 5 6 5	7													
LEBANON I EME EEPER LEXINGTON	4844	STORE KLINTON LACLEDE MAYNE LAFAYETTE						ORLEY F. SCOTI CECIL F MAYS BROOIE D. BARNETT ORVILLE A. ROBERTS WILLIAM H. CULLON	2 2	3	5 5														
ICKING 4 N LAME 5 2 S LOCKWOOD LOUI LAMA STARKS NUR LOUI STAMA	497E 19027 5093 5098	PILE	3 37 33 4 39 50 9 37 23 6 39 26 6 39 27	93 12 93 57 91 03 91 04	835 1078 469		5P 7A 6P 7A	ROBERT O. DAMSON MERLE HADE MUBERT A. NIEMAN STARK BROS NURSERY GEORGE A. GARNER	2 2 2	3	5 5 5														
LUCERNE MACEDONIA LOOKOUT MACON MADISON MALDEN CAA AP & NW	5183	PUTHAM P *P E Y MAC'AH MORROE DURKLIN	4 40 27 1 36 45 2 39 45 6 39 28 10 36 36	90 54	875	1 1	8A	O. A. BROWNING ROY C. ROBINETT JOHN W. ATWELL ENOS WOOD U.S. CIVIL AERO ADM	2	3	5 7	- 1													
JAA HAJE CODE: 1 BLA	C# 2	CHAR,TON 3	, GASCONAL	DE 4 0	GRAND	5. M	ERAI	MEC 6. MISSISSIPPI	7	MESS	OUR1	,	NEOSHO 9. OSAGE 10. S	AINT	FRANCIS 11.	SALI	NE 12	. SPRIN	IG 13.	TAR	K10	14. WHITE			

- 29 -

### RZFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state hasis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will he carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this hulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unlsss otherwise indicated.

Data in Tahles 3, 5, 6, and snowfall data in Tahle 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.
"WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

  And also on a later date or dates.

  Amount included in following measurement, time distribution unknown.

  (Gage is equipped with a windshistld.

  B Adjusted to a full month.

  Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 incb water equivalent to every 10 inches of new snowfall.

  One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, bave heen adjusted to represent the value for the full month.

  Daily values and monthly total from recording gage.

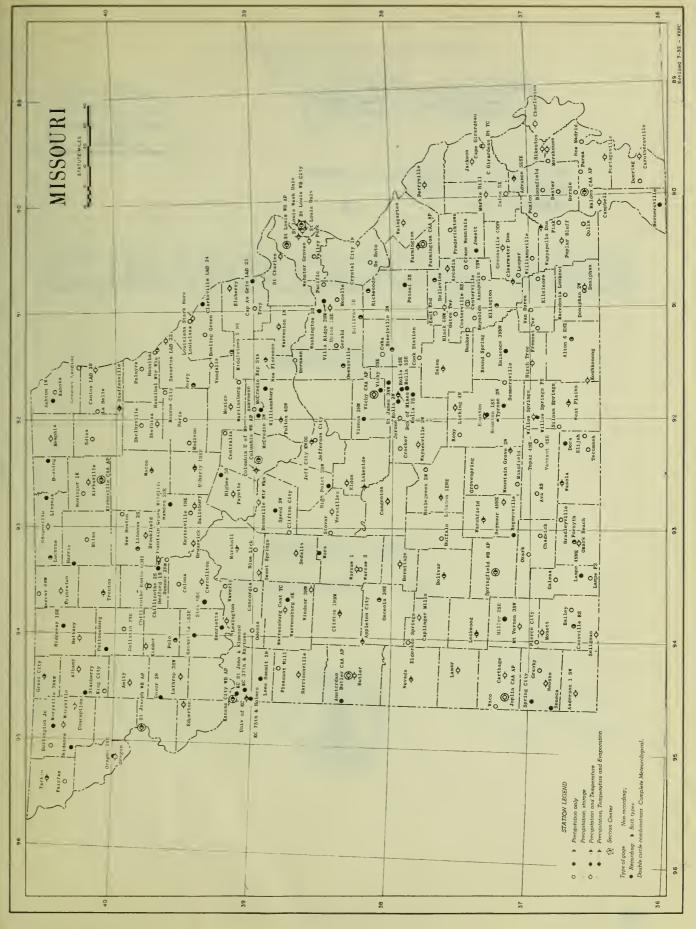
  T Trace, an amount too small to measure.

  Includes total for previous month.

  This entry in time of observation column in Station Index means observation made near sunset.

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WRPC. KANSAS CITY; MO., -- 4-20-53 -- 1035





cse to avoid payment of postage \$300.

UNIVERSITY OF ILLINOIS LIERARY, PERIODICAL DIVISION, URBANA, ILL. 23

51.05 UNMS hat. Heat.

## U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

**MISSOURI** 

MARCH 1953
Volume LVII No. 3



ME LIBRALLY OF THE
MAY 0.9 1950
UNIT LEGITY OF ILLINOIS

#### MISSOURI - MARCH 1953

#### H. F. Wahlgren, Section Director - Saint Louis

#### WEATHER SUMMARY

It was the warmest March in Missouri since 1946 and the wettest since 1948, as well as the fifth consecutive month with above-normal temperature. However, it was the first month in 1953 with more than normal precipitation. The number of rainy days, i.e. precipitation more than 0.01 inch, was 12, which equals the highest average number of such days in March.

The average temperature this month was 47.2°, which is 2.7° above the normal. Highest mean was 54.7° at Kennett Radio Station KBOA, and the lowest 38.6° at Memphis, in the extreme northeastern portion of the state. The first decade and the last week were cool, but the interim was abnormally warm, with the highest daily readings mostly between the 14th and 20th. Highest for the month was 85° at Versailles on the 20th, and lowest was 4° at Marysville on the 4th. Precipitation averaged 4.51 inches, or 1.24 inches more than the normal. The moisture was well distributed throughout the month. Scattered stations in all three divisions had subnormal precipitation. Greatest monthly total was 9.35 inches at Caruthersville, and the least was 2.43 inches at Sullivan. State snowfall averaged 4.2 inches, with greatest monthly fall 15.0 inches at Carrollton. Several stations in the two southern divisions reported no snow whatever during the month. Greatest reported depth of snow on the ground at any time was 13 inches at Saint Joseph on the 3d and 4th.

Subsoil moisture which was somewhat deficient at the opening of the month was replenished by the closing week in most of the state. Wheat stands in the "bootheel" counties were 18 to 24 inches high at the end of March and the crop over the state was progressing nicely, except in some central counties. Oat seeding had not begun in the northeast portion the last of the month, but was about 70% completed in the northwest, and practically finished in the southwest portion. There was no serious frost damage this month. No floods occurred. State-wide strong straight-line winds on the 14th and 21st caused some damage with aggregate property damage estimated at slightly more than \$50,000. The bulk of the damage was in Kansas City, where it was estimated at \$30,000. Ten persons were injured. Small tornadoes occurred near Elsberry, Lincoln County, at 5:00 p.m. of the 14th. One person was injured and property damage was placed at \$3,000. What was probably a small tornado struck near Eldon, Miller County, on the afternoon of the 21st. Some outbuildings of little value were destroyed. On the same day another tornado occurred at Adrian, Bates County, and later hit Urich in Henry County. No one was killed or injured in any of these storms, and total property damage was estimated at slightly less than \$10,000.

Hail was reported at Versailles, Morgan County, on the afternoon of March 21. Damage was estimated at \$2,000. An extremely heavy hailstorm occurred at Eldorado Springs, in Cedar County, about 8:30 a.m. on the 31st. Nearly every roof in town was damaged; many windows facing south were broken, automobiles dented, and some windshields broken by the hail. Damage was confined to the town proper. Very little rain fell with the hail, thus keeping the estimated damage down to approximately \$100,000.--HFW

	Wind	direction		Wind m.	speed p. h		Relati		idity ave			Numi	oer of da	ys with	precip	itation			Inset
Station	Prevailing	Percent of time from prevailing	Average	Fartest	Direction of furteet mile	Date of fastest mile	12, 30A CST	6:30A CST	12: 30P CST	6:30P CST	Trace	.01–.09	.10–.49	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to si
COLUMBIA #8 AP	SSE	14	11.8	42	NW	18	72	81	57	59	4	8	4	2	1	0	19	47	6.3
KANSAS CITY #8 AIRPORT	ENE	16	10.6	50	5	21	71	81	61	58	6	5	3	3	1	0	18	58	6.5
ST JOSEPH WE AIRPORT	ESE	13	12.1	64	S	21	75	81	57	58	4	6	3	2	1	0	16	51	6.3
ST. LOUIS W8 CITY	SE †	14	11.7 †	47	s	21	74 †	82 🕇	57 🕇	62 🕇	3	7	4	2	1	0	17	62	6.1
SPRINGFIELO W8 AIRPORT	SSE	17	15.0	46	W	22	74	83	61	60	0	9	5	2	1	0	17	61	5.9

† -- Airport data

## COMPARATIVE DATA

Table 1

	T	emperatu	ite.	P	recipitatio	ac		Te	mperatu	re	Pi	recipitatio	a		To	emperatu	ro	P	recipitatio	on
Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Āverage	Average	No. of days .01 or more	Year	Åverage	Highest	Lowest	Āverage	Average	No. of days .01 or more
1888 1899 1890 1391 1892	38.5 44.3 37.3 36.8 38.9	90 84 79 78 87	1 13 -11 -11 5	3.90 2.22 3.51 2.66 2.98	5.7 7.1	10 5 8 10 8	1913 1914 1915 1916 1917	40.6 43.2 36.4 47.0 45.2	84 87 70 95 86	-12 - 2 - 6 - 2 - 7	4.64 2.76 1.45 2.55 2.69	5.0 4.7 7.9 3.1 1.5	9 8 6 7 7	1938 1939 1940 1941 1942	53.6 47.1 43.1 40.5 45.8	90 89 89 78 84	14 - 4 0 7 8	4.98 3.08 2.44 0.78 2.05	T 0.2 4.0 3.4 0.7	12 8 8 5 7
1893 1894 1895 1896 1897	40.5 47.7 42.4 39.2 44.2	86 89 98 82 82	0 2 0 2 - 5	2.92 3.22 2.36 2.22 8.73	3.2 0.2 4.4 5.2 1.0	7 6 9 8 12	1918 1919 1920 1921 1922	50.9 46.3 44.6 51.9 45.6	95 90 86 90 80	8 - 2 - 6 11 3	1.02 2.40 5.12 5.06 6.39	0.1 0.7 1.4 0.5 2.2	4 6 8 10 12	1943 1944 1945 1946 1947	39.7 41.4 52.6 55.3 37.4	87 83 89 92 77	-22 6 2 12 - 7	2.63 3.78 7.44 2.82 2.80	5.0 2.7 1.0 0.2 8.8	8 12 12 9 11
1898 1899 1900 1901 1902	44.7 37.4 40.4 42.7 45.3	83 78 88 85 85	9 - 8 - 4 - 1 1	7.44 2.92 1.52 3.77 3.71	0.6 8.9 0.2 1.8 0.8	11 10 6 8 9	1923 1924 1925 1926 1927	40.4 38.4 47.7 39.6 45.9	83 80 86 83 80	-11 8 - 5 8 0	4.23 2.54 1.94 2.87 5.93	2.3 9.4 0.8 7.0 3.7	8 8 5 8 11	1948 1949 1950 1951 1952	42.5 43.6 40.9 41.0 42.0	87 82 88 84 84	-17 4 3 2 - 6	4.78 3.42 2.21 3.37 3.98	5.9 4.8 1.4 3.5 5.5	12 10 7 11 11
1903 1904 1905 1906 1907	48.8 44.8 50.3 34.8 53.9	81 87 88 75 95	9 8 10 - 5 16	3.62 4.55 3.15 3.98 2.76	1.1 1.2 T 8.6 1.0	8 9 8 11 7	1928 1929 1930 1931 1932	46.3 48.6 43.2 39.5 38.3	89 97 80 70 81	10 11 6 10 - 2	1.61 3.33 1.38 3.18 1.99	2.4 T 1.4 8.8 2.8	5 8 4 8 7	1953	47.2	85	4	4.51	4.2	12
1908 1909 1910 1811 1912	50.1 44.5 55.8 48.3 35.2	89 81 96 91 89	14 9 15 5 - 4	2.98 3.03 0.77 1.72 4.69	1.0 0.8 0.1 1.4 16.5	7 6 2 6 11	1933 1934 1935 1936 1937	44.1 41.2 50.4 49.4 40.4	87 82 87 84 77	5 - 3 8 13 6	3.61 2.55 5.76 1.27 1.66	2.0 4.9 0.7 <u>T</u> 2.8	10 7 9 5 6							

Averages for the period 1949 to date have been weighted according to area and are not caparable with unweighted values published in this table for earlier years.

TABLE 2

	_				Tem	perat	ure								I	Precip	itation					
					72						И	lo. of Days		-			Spow.	Sleet H	all		of D	ys
Station		Average Maximum	Avetage Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Albora at Mana	x. Min.	Relow Total	Departure From Norma	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.S0 or More	1.00 or More
NORTHERN DIVISION																					1	
ALBANY AMITY BETHANY BROCKFIELD BRUNSWICK		53.4 54.5 54.4 56.3 54.4	30.3 31.6 30.5 31.9 30.7	41.9 43.1 42.5 44.1 42.6M	2.2	78 75 75	21	9 10 12 13 14	4 4 4 5	708 673 696 641	00000	1 16 2 20 0 20	3.38 0 3.11 0 3.60 0 5.86 0 3.84	1.37	.96 .97 1.27 1.35 1.28	30 30 30 31 31	10.7 14.2 14.5	9 12 11 8 8	3 4 4 3 2	10 12 2 15 13	2 3 2 4 3	0 0 1 1 1
CANTON L & D 20 CARROLLTON CHILLICOTHE RADIO KCHI COLUMBIA W8 AP COLUMBIA U OF MO 9 NW	2	50.9 56.0 55.1 56.5	30.4 32.9 30.7 34.7	40.7 44.5 42.9M 45.6	1.2	75 82 79 81	21 20 21 20	9 12 13 20	8 4 4	749 637 679 595	0000	1 16	0 3.67 0 3.77 0 3.96 0 3.66	1.48	.77 .83 .87	30 1 31 3	15.0 10.8 7.6	6 10 6 6	2 3 1+ 1+	11 14 13 15	3 4 3 3	0 0 0 1
CONCEPTION EDGERTON		53.7	30.5	42.1	2.3	74	21	10	4	702	0	4 18	0 3.49	1.84	1.01	30		7	3	9	4	1
ELSBERRY FAYETTE FOUNTAIN GROVE WILDLIFE		54.3 57.0 56.3	32.9 34.3 27.6	43.6 45.7 42.0	3.8	78 84 78	20	12 17 11	8 4 4	597 708	000	1 14	0 4.16 0 3.79 0 4.46	.97	1.13	31 31	7.0 7.5. 10.1	7 6 10	2 1 3+	11 11 10	3 5	1 0
FULTON 4 SW GRANT CITY HANNIBAL WATER WORKS KANSAS CITY W8 AP KIDDER	2	55.9 .51.5 52.5 55.9 54.6	31.3 30.1 32.6 36.3	43.6 40.8 42.6 46.1	5 5 1.6 2.3	75 74 76 82 78	21	12 10 14 18	4 4 8 4	747 686 579	00000	3 19 2 15	0 4.20 0 2.69 0 4.38 0 3.84 0 4.19	.68 1.78 1.33	1.20 1.21 .75 1.03 .74	2 29 30 30 29	8.8 10.0 9.5 10.8 9.6	10 5 10 8	4 1 3+ 4	11 7 14 12 12	2 2 5 4 4	2 1 0 1 0
KIRKSVILLE RADIO KIRX KIRKSVILLE CAA AP 7 S		51.5 49.7	29.4 28.8	40.5 39.3	.8	73 73	21	12	4+	757 792	0		0 E5.61 0 4.68		1.80	30	10.1	6	2	13	2 4	1 0
LATHROP 3 SW LOUISIANA STARKS NUR MACON		56.4 51.7	33.4 29.5	44.9 40.6	1.4		21 15	14	8 4+	616	0	0 15 3 18	0 5.12 0 4.36		.90	30	14.0	6 8	1 4	16	3	0
MARYVILLE MEMPHIS MEXICO MOBERLY RADIO KNCM NEW FLORENCE		50.2 50.0 55.3 54.4 57.0	28.6 27.2 31.2 32.4 34.4	39.4 38.6 43.3 43.4M 45.7	1.5 .3 1.3 2	72 74 80 79	22 21 20	4 11 19 15 18	4 5 4+ 4	<b>7</b> 87	00000	4 22	0 3.61 0 7.15 0 4.51 0 4.82 0 3.73	4.79 1.60 2.14	1.30 1.90 1.52 1.54	30 4 30 31 3	9.0 11.0 5.7 6.0 9.0	9 8 5 7	3 4 1	14 9 12 14 14	1 6 3 3 4	1 3 2 1 0
OREGON PRINCETON ST CHARLES	R	53.0 55.1 60.5 53.4 56.9	32.6 28.4 37.9 32.3 34.5	42.8M 41.8M 49.2M 42.9 45.7	3.2 4.7 1.0	81 81 81 83	20 14 20	13 10 13 16	4 4 4	678 731 488 679 596	000	1 16 0 22 0 13 2 16	0 0 0 4.46 0 3.76 0 4.60	1.29	1.17 1.02 1.23	4 30 31	8.0 13.8 10.4	13	3+	13	2 3 4	1 1 1
SAVERTON L & D 22 SHELBINA STEFFENVILLE TARKIO TRENTON		53.9 53.5 53.4 52.9 55.2	34.6 31.8 31.8 31.3	44.3 42.7 42.6 42.1 44.3	2.0	75 72 75 74 74	21 14+ 21 21	17 15 10 12	8 4 8 4 4	634 687 686 702 634	00000	1 13 1 20 1 16 1 18	0 3.80 0 4.91 0 2.73 0 2.6 0 4.41	.64 2.18 28 1.00	.99 1.12 .81 .73	4 30 30 14 30	9.0 8.0 9.6 10.0	6 4 6 5 6	2 2 4+ 3 4	14. 11 10 11	3 6 1 1 1 1	0 1 0 0 1
UNIONVILLE		49.9	29.5	39.7	.8	72		9	4	777	0	2 21	0 4.25		1.34	30		11	4	15	2	1
VANDALIA WARRENTON 1 N		59.0	34.9	47 OM	4.5	82	20	21	4+	557	0	0 14	0				8.0	8	1			
DIVISION				43.0	1.5								4.15	1.56			10.0					
SOUTHWESTERN DIVISION																						
ANDERSON 1 SW APPLETON CITY BOLIVAR BOONVILLE WATER WORKS BUTLER		67.3 62.1 62.9 55.0 63.3	36.7 36.9 39.0 32.8 37.8	52.0 49.5 51.0 43.9 50.6	3.2 4.4 4.7 .6	81 83 82 84 83	20	20 16 21 20 17	8+ 4 4 4+ 4	403 474 433 447	00000	0 12 0 8 2 15	0 5.13 0 3.90 0 3.7 0 3.7 0 3.9	.75	1.30 1.12 1.15 .90 1.27	14 3 14 4 31.	.0 .5 .1 8.5 2.5	0 0 0 6 T	4 3+	12  9 11 11 12	4 3 3 4 3	1 2 1 0 2
BUTLER CAA AP 2 N CAMDENTON CAPLINGER MILLS CARTHAGE CLINTON 1 NNW		58.3 61.9 62.8 64.3 57.9	34.6 36.4 37.0 38.6 32.9	46.5 49.2M 49.9 51.5	<u>.</u> 4	80 75 83 81 83	14+ 20 20	16 20 20 23 11	4 8 4 4 4	570 496 465 419	00000	0 14	0 4.90 0 3.8 0 3.2 0 3.7 0 3.4	.48	1.17 1.05 .81 1.38 1.05	3 1 3 14 4	2.5	0	4	15 14 11 10 8	4 3 3 2 3	2 1 0 1 1
ELDON HARRISONVILLE HERMITAGE JEFF CITY KWOS JOPLIN CAA AP 4 N		60°.7 58.9 63.1 60.2 61.5	36.2 34.8 31.4 35.7 40.1	48.5 46.9 47.3 48.0 50.8	4.9 5.6 4.4 2.2	83 82 83 82	20 20	20 12 16 20 24	4 4 8 8 4	514 556 549 526 435	0	0 15	0 4.19 0 4.51 0 3.78 0 3.08 0 3.39	1.71	1.32 1.30 .97 .89	1 30 14 2 3	2.8	3 4 6 T	1 4 2 4	15 9 9 11 13	4 4 2 2	1 0 0 0
K C UNIV OF KANSAS CITY LAKESIDE LAMAR LEBANON 1 ENE LEXINGTON		58.7 59.6 61.1 62.5 55.1	33.4 32.8 36.0 37.0 33.8	46.1 46.2 48.6 49.8 44.5	.1 1.6 2:6 4.8 1.1	82 83 82 82 83	20 21 21 21 20	17 20 20 22 17	4 8 4 8 4	580	00000	0 14 0 18 0 10 3 11	0 2.84 0 3.85 0 3.63 0 2.73 0 3.35	.03 1.10 .44 75	1.01 1.12 .84 .92	31 2 14 2	1.0 T T	1 0 0	2	7 14 8 12	3 2 3 2 3	1 1 0 0 0 0
FOCKMOOD		62.9	38.7	50.8	3.5	81		23	4	433	0	1 1	0 4.30	1	1.48	14	.0	0		10	3	1
MARSHAL MARSHFIELD MONETT		62.3	37.9	50.1	, 0	81		21	8	457	000	0	0 3.03		1.03	14	.3 T	T	1+	9	3	1
MOUNTAIN GROVE 2 N MOUNT VERNON 3 SW NEOSHO		61.4	38.8 38.2 39.0	50.3 49.8 52.7M	3.9 4.6	75 78 83	20	21 24 22	8 4+ 8	449 466 379	0 0 0	0 8	0 5.00		1.13	14	.5 T	0		12	5	2
NEVADA OZAPY BEACH SEDALIA		64.8	39.5	52.2M		82	20	22	4	391	0	0 6	0 4.6		1.05	1	T	Т	3	8	2	,
SELIGMAN SEYMOUR 4 NIVE		63.9	40.6	52.3	5.7	79	20	24	4	392	0 00	0 3	0 5.66	2.06	1.05	12	8.0	0	2	10	3	3
	R	59.9	38.1	49.0	4.1	79 81		23	4	488	0		0 3.4		1.04	14	.0	0	4	17	3	1

See Reference Notes Following Station Index
- 36 -

#### TABLE 2 - CONTINUED

TABLE 2 - CONTINUED	perat	ure										I	recip	itation									
										N	o. of	Dayı	•					Snow.	Sleet, H	ail	No	of D	аув
Station	. 6	. 6		re prenal					Days	Ma	x.	М	n.		ormal	t Day			Depth		More	More	
	Average	Average	Average	Departure From Normal	Highest	Date	Lowert	Date	Degree	No or	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest	Date	Total	Max. De	Date	.01 or	7	0r More
SWEET 5PRING5 VERSAILLES WARRENSBURG CEN' T C WARSAM NO. 1 WASOLA	59.6 60.6 59.2 62.8 63.4	33.4 36.3 38.3 35.2 39.9	46.5 48.5M 48.8M 49.0 51.7	4.8		20 20+	15 18 17 20 26	4 4 4 4 4 4	568 510 492 495 408	00000	0	18 11 ·10 18	0 0 0 0	4.50 2.97 4.82 2.92 5.42	1.73 63	1.32 .89 1.22 1.00 1.35	31 3 30 4 18	1.0	8 3 6	1 1 4	10 13 10 13 10	4 2 4 2 4	2 0 2 1 3
WAYNESVILLE 2 W WINDSOR 3 NW	64.0 58.0	31.2 36.6	47.6 47.3		82 82		16 16	8 4	531 542	0 0	0	20 14	0	3.97 3.67		:88 1.04	14	T 4.0	T 2	1 4	12 12	5	0
DIVISION			48.9	3.7										3.93	.78			1.8					
50UTHEASTERN DIVISION																							
ADVANCE 5 E5E ARCADIA BIRCH TREE BLACK 6 NW CAMPBELL	62.8 61.8 63.7 62.4	38.2 35.1 36.2 28.5	50.5 48.5 50.0 45.5	2.5 3.9 2.7 .5	73 75 76 77	31	20	8+ 7 8 8	441 507 460 597	0 0 0	0	12 16 16 21	0 0 0	6.06 5.72 3.70	1.12	1.89 1.52 1.10	22	.0 .0 .0	0 0 0 T	1	11 10 8	5 4	2 3 1
CAPE GIRARDEAU MO 5T CARUTHERSVILLE CMARLESTON CLEARWATER DAM CRYSTAL (ITY 1 N	61.9 65.5 63.3 64.9 60.3	40.1 42.7 41.7 38.0 36.1	51.0 54.1M 52.5 51.5 48.2	2.7	77 75 77	14+ 20 20 14+ 14	28	8 8+ 8	427 329 379 418 516		0 0 0 0		0 0 0 0	6.00 9.35 7.67 5.85 4.58	2.16 4.89	1.89 2.06 1.85 1.43 1.50	22 18 3 14 3	.0 T T .0 4.5	0 0 0		14 12 14 13 10	5 7 6 5 4	3 4 4 2 1
DONIPHAN FARMINGTON FARMINGTON CAA AP GREENVILLE 4 NNW HOUSTON	65.5 60.6 59.4 64.8	37.4 36.7 35.6 37.0	51.5 48.7 47.5 50.9	2.5 2.2 3.2	75 74	12+ 14+ 14+ 14+	21	8 8 8	411 497 535 433	0 0 0	0 0 0	12 15	0 0 0	5.85 4.13 4.78 4.53	1.48	.99 .97 1.12 .99	14 2 14 2	1.0 .3 T	0 1 1 0	2 2	12 11 14 12	5 4 3 5	0 0 2 0
JACK5ON KENNETT RADIO KBOA KOSHKONONG LICKING 4 N MALDEN CAA AP 4 NW	62.9 66.4 63.7 59.2 63.4	38.9 42.9 41.1 30.8 41.2	50.9 54.7 52.4 45.0 52.3	3.7 3.0 -2.1	77	31 21	26 30 23 16 29	9 4 8 8+	429 316 382 388	0 0	0000	5 8 20	0 0 0	6.63 6.58 5.37 4.09 8.18	2.46 1.27 .96	1.80 1.80 1.23 1.25 2.00	3 18 14 4 14	T .0 T .0	0 0 0 0		12 12 14 10	5 6 4 3 7	2 1 2 1 3
MARBLE HILL PERRYVILLE POPLAR BLUFF PORTAGEVILLE ROLLA 5CHOOL OF MINES	63.9 61.7 64.5 66.1 58.9	36.1 37.2 40.4 43.0 37.5	50.0 49.5 52.5M 54.6 48.2	2.4 3.9 2.7	75 76 76 77 77	19 13+ 20	22 23 30 22	9 8 8+	455 476 319	0 0 0 0	0 0 0 0	13	0 0 0	6.03 4.61 6.37 6.31	· 1.75 2.01	1.37 1.00 1.28 1.45	4 2 18 18	.0	0 0 0		11 14 14	5 6 5	2 1 1 2
5AINT LOUIS WB AP R SAINT LOUIS WB CITY R 5AINT LOUIS UNIV SAINT LOUIS WASH UNIV 5ALEM	57.1 57.2 57.4 57.2 60.5	36.4 39.4 39.7 36.9 35.4	46.8 48.3 48.6 47.1M 48.0	2.4 3.0 4.4 2.5 1.6	79 78 79 78 78	14 14 15	22 25 25 23 22	8 4+ 4+ 8 8	558 513 504	0 0 0 0	00000	10 7 11	0	4.06 4.13 4.42 3.65 3.85	.64 .49 1.08 07 02	1.31 1.42 1.54 1.10	3 3 4 4	5.3 6.5	4 6 3	1 1 1	14 14 11 11	2 3 3 2 2	1 1 ·1 1
SIKESTON CROP EXP FARM UNION 1 5E VICHY CAA AP 2 NW WAPPAPELLO DAM	61.7 61.9 60.3 58.8	38.9 40.3 34.9 35.3 39.6	50.3 51.1 47.6 47.1 50.9	1.7	75 72 78 78 78	20 14+ 20	28 26 20 21 27	9 9 8 8 8	424 537 551	00000	00000	9 15 13	0		1.92 35 1.16	1.19 1.56 .95 1.00 1.10	18 22 4 3 2	1.2 .0	0 0 7 1	2 1+	14 15 11 11	7 5 1 4 6	3 4 0 1 3
WEBSTER GROVES WEINGARTEN WEST PLAINS WILLOW SPRINGS	57.9 60.8 62.3 62.5	35.8 38.1 37.8 37.6	46.9M 49.5 50.1 50.1	3.0	80 76 77 78	31 20+	18 21 24 23	8 8 8	549 473 454 454					4.19 3.67 5.85 5.26	1.94 1.02	1.25 1.05 1.37 1.20	3 1 14 14	`T.0	7 0 0	1	11 8 12 12	5	1 2 3 3
DIVISION			49.8	3.0										5.36	1.33			.6					
STATE			47.2	2.7										4.51	1.24			4.2					

Table 3		-						_	٠,						-															14,	ASI'H	. 95:
Statian	Total	1	2	3	4	5	6	7	8	9	10	11	12	Do	y of m	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
AOVANCE 5 ESE ALRANY ALTON 6 ENE	6.06 3.38 5.35	1.15 .37 .85	.02	.84 .38 1.10				T T			.04	•20	•03	.13	**************************************			•12	.79 .21		. 35		1.89	.08						т	.04	.74 .TE
ANDERSON 1 SW	3.11	•22	.79	T •34	•68 •24				.02		•02	.03	•13 •72		.07 1.30				1.00 .11 .77		۵06	. 10	. 30 T	.40 .32 .27	7		т	т			.9T	.05
ANNAPOLIS 7 SW APPLETON CITY ARCADIA	4.18 3.90	T 1.00	•86 •42	.25 1.12 .45	.86 .09			т	•02		•02	τ	•13	.05	.74 .32 .46	•05		•25	•68				•11	.42						T	.10	.01
AUXVASSE AVA RANGER STA	4.05 6.03	1.10	.85 .74	•05 •15	1.55				Т		7	.08	.33	. 26	T 1.35	• 42		.48 T	1.30		T	.05	.28					•13		.39	.58	.44
BELLEVIEW BERNIE BETHANY	4.21 6.85 3.60	.05	.96	•13 •92	1.40 .37	•01			•02			•01	•20		.75 .64	.30			.41 1.43		. 22	.01	.73	, 87	. 34						. 27	.13
RIRCH TREE RLACK 6 NW	5.72	•10 •83	.72	•20				т				••,	.16 .04		1.10	.15			1.15		*25	.01	.45	.58	*01						1021	.07
8LOOMFIELO ROLIVAR ROONVILLE WATERWKS	8.06 3.77 3.79	a R 5	1.18 .04 .69		.45 T			Т	т		•03	.04	.08 .09	.04	.74 1.15	.35		.10	1.17 .05				.43 .07	1.63	•02						T . T4	.12 .48 .T9
ROWLING GREEN BRADLEYVILLE	4.77	-	• 38 -	-	•98	-	-	-	-01	-	-	-	.57	- 05	-	-14	-	-	- 31	-	-	-19	•14	ar	-	-	-	-	-	-	1.21	.79
AROOKFIELO BRUNSWICK BUFFALO	5.86 3.64 3.62	a70	•30 •73	•59 •61	•15 •69 •65		т	.38	т		•03 •07	.01 .10 T	.45 .27		.27 .07				.08 .04		.02	. 05	.38	.04 .45	.03					a41	.52	1.78
BURLINGTON JUNCTION	4.65 2.86		• 75	•71	1.3A .48	Т			•02				•10	Т	.75 .45				•78	Т			•13	.48							.02	. 03 7
BUTLER BUTLER AP CAA 2 N CAMOENTON	3.91 4.90 3.82	1.00 1.05	.01	1.07	.05 .03			T .06	T		.05 .09	. 35	•10 •04 •24	•17 •29 •03	.06 .70			.05 .13	.05 .02 .20				•19 •19 •05	T						* 03	•11 •75 •02	.74
CAMPRELL CANTON L AND 0 20	3.67	Ŧ	.60	T	•55	.01	-	-	•05	-	-	T	•19	-	. 40	T	-	-	. 26	-		T	.46	.12	-	-	-	-	-	-	.77	.26
CAPE GIRARDEAU MO ST CAPE GIRAROFAU CAPLINGER MILLS	6.00 5.25 3.21	T	•91	1 • 12 • 53 • 81	•01 •45 •02	т		•05	.03		.04	* 01 T	.07 .05	*14 T	.72 .55	.06		T •16	.62 .59			Т	.24	1.10							+11 T	.16 .16
CARROLLTON CARTHAGE	3.77	.83 .13	.03	•63	• 31						•04	•02	.10		.16 1.38				.03	Ţ	•02	T	•28	.39						.35	• 60	•53
CARUTHERSVILLE CASSVILLE RANGER STA CENTERVILLE	9.35 5.45 4.90	⊤ •25	• 58	.17	1.48	.05			т		•04	T • 02 T	.09 .85	.01	1.20	.30			2.06 .99 .56	1			•78	.43		1	Т				.08	.17 .26 .03
CENTERVILLE RANGER STA	5.03	T -	- 92	• 22	1.45	-	-	-	.01	-	-	-	-15	-04	-83	-23	-	-	.56	-	-	-	- 14	.33	-	-	-	- )	-	-	-	-
CHAOWICK CHARLESTON CHILLICOTHE 2 S	7.67 3.30		.22	1.85	T • 35			•02	Т		•03	Ţ	.48 .39	•09	• 09	.65		•12	1.07 .08		.56 .38	_	1.49							.27	.05 1.04 .61	.16 .16
CHILLICOTHE RADIO KCHI CLEARWATER DAM CLIFTON CITY	3.96 5.85	e 23	.10 1.00		1.00			ı'	.02 T		•03	T .02	.64 .12	.18	.11 1.43	.04			.78		,,,,		.30	.28						0 2 1	• 01	.12
CLINTON 1 NNW COLOMA COLUMBIA W8 AIRPORT R	3.47 2.60 3.66	•52	•95	T 1.00	1.05	۰01		•02	'		.03	• 02 T	•15 •15		•13 •18 •46			т	•12 •12		•14 T	.08	. 07	.37 .33						.18	•15 •75 •70	•55 •50 •40
COLUMBIA U OF MO 9 NW	3.49	.49	-	.45	-	-	-	- T	-	-	.04	-	- T	-	- 20	-	-	-	-	-	-	-	-	- 45	- T	-	-		-	-	1.01	.49
CONCORO IA COOK STATION CRANF MOUNTAIN	4.21 4.67 4.34		.90	•22	• 77 • 95 • 90			Ť	•02		Ť		•27 •16 •15		•11 •32 1•10	.48		Т	•62 •58		Т		•53 •15 •23	.24 .25 .35		Т				i	1.06	.86 .02
CROCKER  CRYSTAL CITY 1 N	3.06 4.58	.90	•10	.56 1.50	• 02			.16			Т	.06	.16	.60	•52	.60		T •28	• 42				.34							.07	.32	
CUBA OEERING OE SOTO	3.51 7.50 5.76	*04 T	.98 .86 1.17	• 95	1.06 .11 1.25				.06			Т	.03 .45	•02	. 47 .66	.05 .47 1.13			.38 2.30 .31	Т		Т	.16 .75	.12	Т						.19	.07 .21 .20
OEXTER OONIPHAN	8 a 17	.85		• 96	•66				.05			T • 03	.06	•09 •04	.77	•58		.46	.95				. 47 . 80	1.52							•03	.09 .45
OONIPHAN 2 W EAST END EOGERTON	6.05	•30	1.50	• 54 • 30	1.25	-	-	-	-	-	• 30	-	- 15	-	1.05	•34 •38	-	-	28	-	-	- 06	.60	.52 .T2	•15	-	-	-	-	-	-	-
EO INA ELOON	4.19	1.32	.46	.88	• 48	T		.11	•10		+05	T	.06		• 22	•06		.08 .15	.09			• 03	.09	.05						т	.07	.70 .81
ELOGRADO SPRINGS ELIJAH ELLINGTON	5.89 5.64	1.01 1.25 .25	.83 1.00		1.15				• 05		•03	.25 .01	•01		.68 1.50 1.04	.10		.47	1.20 .83			•72	1.25	.55								.42 T
ELLSINORE  ELSBERRY  FAIRFAX	4.16		.58		1.13				T		T +15	*01	.11	.30	.10	.12			.29			.08	•17	.04							.89	. 47
FARMINGTON FARMINGTON AP CAA FAYETTE	4.13 4.78 3.79	T •98 •36	•97	.17 1.07	•92	T		.06 T	.06		T .03	т	.06 .09	T • 03	1.12	.32		٠43	•52 •06		.06	•15	.04 .46 .31	.09						• 01 • 37	.12	•13 •18
FISK FORSYTH	7.28	-	1.00			_	_	_	_	_	-	Ţ	.06	_	• 96	.45	_	_	1.32	-	_	-	• 56 -	1.55	-	-	_	-	_	_	-	.08
FOUNTAIN GROVE WILDLIFE FREDERICKTOWN FREMONT TOWER	5.22 5.04		82 84		1.27	т		•02	e 03 T		Т	T T	•55 •06 •19		.30 .87	. 14 T			.60 1.08		•58		•25 •34 •10	.38 .49						.44	• 52 T	.09 .18
FULTON 4 SW GALENA	4.20	.08	1.20	• 24	1.06	.09			т	.03		T •51	.27	• 03 *	.39	.23		.90	.09		.28		•27 •25	.06							.38	.22
GALLATIN 2 NE GERALO GPANRY	2.88 3.95 6.39	.79	1.10	•91 •59	• 24				• 02		Т	•02	.57 .76 1.10	.04	.02 .21 1.51				1.21		.28		. 34	.05							.37	.70 .47
GRANT CITY GREENVILLE 4 NNW	2.69	7	.30	.09 .61	.45			Ť	.01		Т		.04	.01	. 57				.61 .67	*08		.07	.61 .04	.24 .42 .14	. 04	Т				1.21	.71	•12 •29
GREGORY LANGING GROVESPRING HAILEY	2.92 3.19 4.92		€ •45 •67			Т			T .05		.05	T	.06 .65	T	.98 1.42	•06		e <sup>-</sup> 94	•61				.30	.15		'					T	.04
HANNIRAL HANNIRAL WATERWORKS	3.88 4.38	•10 •53		.70				.07	.08		т	т	.28 .46	.07	.15	•12		т	.18 .19		.08	.10 .53	•18 •01	.05 .02	T	Т				• 25	.68 .75	.63 .60
MAPRISONVILLE HAZLEGREEN 2 W HERMANN	3 · 10 3 · 45	•07			.53								.10		.15 .70 .21	•32			•23 •17				•43 •18	.20							.07	.04
HERMITAGE HOUSTON JACKSON	3.78	• - • 77	•97	1.80	-	-14	-	02	-	-	-	-	-	• 06	.97	-	-	-	•21	-	-	_ T	.30 1.74	- T	-	-	-	-	-	-	- 16	.38
JEFF CITY PWOS JEFFERSON CITY	3.08 2.98	T	.89 1.03	T	.69				* 02 T			•02	.24	T	• 32	T T			.14			T	.30	.08	T						.03	.37
JEPOMF JOPLIN AP CAA 4 N KAHOKA	3.59 3.39 5.62	.41	. 24	•15 •75	030			т	.04 .12		•04	•22	•12 •09 •28		.54 .39 .52	.18		•41	*41 *51			7	.40 .38 .85	.04	. 05		•01			1	.05	.02 .04 .80
FANSAS CITY WA APT F	3.84	.80	•01	•60 •55	•01	T					•02 •05	Т	•15 •13	# 01	•12			T	7				•26	T T .02							.09 1	
PENNETT PAGE PROA PEYTESVILLE 4 NE PIDOEP	6.58 3.34 4.19		•25 •17 •58	.76	•50 •68						•07	• 02	•51 •58 •47	. 14	.89	.15		•21	1.80 .18		. 23		•60	.02 .47 .19							.07	.35 .55
FING CITY FIRESVILLE RADIO FIRE	E 5.61	E • 45			-		•			-	.08	T	.44	•	.42	т		.10	.32		.10 T	т	•35	.22	T						.80	.84
VIPVSVILLE AP CAA 7 SSE VOMMYONONG LA RELLE LAYFFIDE	4.68 5.37 4.77 3.85		.08 .83 .50	• 38	.52 .46			.10	• 09		•02	.02	.36 .18 .14	.06	.20 1.23	•01		1.11	.22				.23	.47 1.25	т			•05		1	.03 .15	.27
LAMPE FOREST TERVICE	3.63	•15	.55	. 36							.03		.49		.84				.26					.47								.45
ERAMON 1 ENE	2.73	-	. 92	-	-	-	-	-	.02	-	-	. 02	.12	-	.75	Ť	do	-	. 23	-	-	-	.06	.05	-	-	-	-	-	-	-	.03

See reference potes following Station Index.

Table 3-Continued

Table 3-Continued	- 1	-											-	Do	y of m	onth					_		_		-							
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
LEFRER LFE MS TON LICKING A N LICKING A N LINEUS 2 S LOCK MODO	3.35 6.09 3.90 4.30	T •09 •03	1.11 .95 .61 .08	.80 T .18 .13		T •04			T T			.06 T	.05 .12 .09 .55	۰05	.89 .07 .85 .46 1.48	T			.90 .01 .33 .11		T .56		*75 T *33 *32	.44 .22 .33	•01					T •40	75 • 75 • 08 • 67	.14 .70 .04 .36
LOUISTANA STARKS NUR LIISTAMA LUCERNE MACEDONTA LOOKOUT MACON	5.12 4.68 3.82 5.66 4.36	.53	• 42 • 42 T	1.10	.06 1.17 .19			•05	.07			.04	.45 .38 .12 .14	a 1 4	.27 .15 .20 .77	.06 .07 T		. 44	•51 •53 •44 •78 •12		.08	.20	.02 .17 .08 1.43	.05 .05 .58	•03 T T	Ť				a15	.95 .52 .31 .04	.32 .60 .21 .24
MALDEN AP CAR & NO MANSFIELD MARNER MILL MARSMALL	8.18 5.50 6.03	.05	- .50 .72 1.08	.80 .12 .42	10 T 1001 1001	_	-	т -	- •05 •05	_	T T	T .08	.28 .23 .37 .04		2.00 1.36 .78	•26	-	1.38	T •53 •57		-	. 55	.35 1.45 .95	.31 .33	-	-	_	-	_	-	*05 T	.75 .35 .10 .18
MARSHFIELD MARTINSA MG MARYN LLE MEMPHIS MERCER 6 Na	3.03 3.39 3.61 7.15 3.32	• 64	7 •28 •06 •50 •47	•51 •42	.01 1.06 1.90 .57			•05	• 50		T .05	T T	•17 •19 •02 •28	T 08	1.03 .10 .24 .41 .08	.01		•15	.22 T .20 .52		T .24	.08	•16 •12 •16	.03 .05 .61	• 03 T						T •91 •30 •08	
WET CO MIDDLETOWN 5 WE W AN MORRLY RACIO KNCW MORRY RACIO	4.51 3.80 6.25 4.82		.47 .78 .63	.71 .46	1.02 .79 .67 .04			•03	.02 E.01		т	•91	.19 .20	.03	.27 .16 .60 .25 1.50	.05			.25		•11 •15	.20	.22 .41 .26	.09 .04 .01	. 04					1	.52 .81 .31 .66	1.35
MINROE CITY MOREHOUSE MOSELLE MOSELLE MOTATIN GROVE 2 N MOUNT VERNON 3 SW	4.85 5.00	.66 .98	.18 1.00 .66	*12 1 *29 ***********************************	.80 1.06			.16 T			* 01 T	* 02 T	.78 .23 - .28 .68	.10 .20	.25 .54 1.00 1.13 1.46	.58		.06	.36 1.20 .38 .71		.33	т	.14 1.31 .15	.03 T	т .		e O 1			.98 T	.69 .14 .02 .02	.38 - 1.04 .06 .50
SEOSHO MEDADA MEMADA MEMADATON MEMADATON MEMADATON MEMADATON	4.61 5.48 3.77 7.28	.70	.01 .40 .03 1.00	.75 .78	1.22 .54 .04	T T		•02	• 07 T		.02 .02	T 05 T	.63 .50 .50 T	T .40	1.74 .62 .52 .10	1.72		.72 .38	.13 .35 .37 1.53		.01	•23	•30 •37 •17 •43	.03 .21 .05	т		т			. 25	•11 •47 •50	1.00 1.14 .25
HOY MEER 1 E OATE TOWER ODESSA OREGON OSCEOLA 3 ME	3.76	- T	- .87 .44 .72	-10	- - - - - 36 - 82	Ξ	Ξ	-	_ T	=	- - T	- •06 •06 •05	- -15	.15	- 48	.07	-	- T	- T •22	- 04	:	Ξ T	=	- .25 T	- T -	-	Ξ	-	Ξ	Ξ :	- •75 •21 •02	1.00 .03 .17
OWENSY LLE OZARK OZARK REACH PACIFIC PALWYRA	3.77 3.62	- •10 T	.59	- •14 - •15	1.30	-	-	-	- - 13	-	•03	T	- .07 .21	- •40	1.80 - .30 .29	- - T	-	-	- •62 - •40 •28	Ī	-	- T	42	- •22 - •30 •11	-	-	-	-	-	-	- •58 •87	- •17 - •07 •58
PAR 15 PARMA RERRYY LLE PIERCE CITY PLEASANT HILL	6.77 4.61 5.16 5.23	- T	1.00 1.00 .84	- •84 •40 •45	- •12 •95 •22 •73	-	-	-	T T .02	-	•03	.04	- •25 •10 •94 •20	T .04 .02	- .52 .40 1.50	- •69 •51	-	-	1.69 .44 .54	-	-	-	- .89 .38	- •41 •25 •32 •16	~	-	-	-	-	-	- • 04 • 85	- .36 .14 .15 2.04
POLO POPLAR RUIFF PORTAGEVILLE PURICETON PURICO	6.37 6.31 5.76	.15	.93 .91	• 91 • 92 •	.19 .93 .08			-	.03 T		- 04	1.29 .01 .01	.04 .43 -	. 02 . 40	.47 .95 .63	.20			1.28 1.45 .68	•26	.09	T • 02	•38 •94 -	.13 .57 .01 .36						a14 :	.49 .01	.61 .09 .23 .61
QULIN PEYNOLDS 0 CHUDODS ROBY ROLLA SCHOOL OF MINES	8.15 3.92 4.21 4.08	· J2	.68 .99	1.16	1.05 1.60 1.14				T • 05 • 02 T			T .02 T	•12 •05 •09 •07	:11 :11	.67 .50 .30 .76	.81 .30			1.55 .72 .25 .37		_	*20 T	.75 .15 .30 .46	1.75 .32 .08	• 41					.32	•07	•12 •04 •02
ROUND SPRING 5AINT CHARLES 5AINT JOSEPH WH AP 5AINT LOUIS WH AP R 5AINT LOUIS WH CITY R	4.46 4.46 3.76 4.06 4.13	.84	•70 •04 T	1 • 14 • 27 • 78 I • 31 I • 42	.01			.01 .07	.07		.18 T	T T T	.46 .07 .20	.06	.96 .23 .07 .28	• 2 4		T •11 •09	.80 .28 T .18		.02 .02 .01	.04	. 26 . 04 . 04	.65 T	į					.36 .09 .08	•35 1•02 •47 •62	.08 .33 .33 .41
SAINT LOUIS UNIV SAINT LOUIS WASH U SALEM SALISHURY SAVERTON L AND 0 22	4.42 3.65 3.85 4.60 3.80	.35	.64	1 • 54 • 08 • 20 • 76	.03 1.10 1.10 .06	т		*12 T *01	•05	т	т	т	•15 •03 •10 •35 •33	•01	• 40 T	.09		T •40	.50 .47		.10	T •17	•20 •20 •35 •43 •15	.01 .35 T		т				T .61	.88 .45 T .69	.27 .42 .05 1.23
SECALIA SELIGMAN SEYMOUR A NINE SHELRYVILLE	3.22 5.66 3.42 4.97 4.53	.50	.75 .64 T .	. 26 . 95				.43	e 06		•02 T	•02	1.35	T • 15	.17 1.28 1.04	T .16		•25	.08 1.11 .11 .10	T +14		.70	.20 .81 .10	*18 *32 T *09	• 0 2 T						.20 .18	•73 •24 •10 •53 1•45
SIFESTON SIRESTON CROP EXP FARM SILDAM SPRINGS SPRINGFIELD NA APT R STEELVILLE 2 N	6.38 7.00 5.91 3.98 4.48	.75	1.14 .03 .81 .02	1 • 38	.13 .02 1.30 .02			.02	.01		• 05	.01 T .21	.05 .24 .14 .01	•15 •11 •20	1.53	.63 .49 .01		.16	1.19 1.13 1.28 .04			7	.54 1.56 .22 .17	.73 .01 .21		1	• 0 4			• 0 2	.02 .04 .18	•12 •16 •20 •27
STEFFRWILLE STOVER SULLIVAN 5 E SIMMERSVILLE SUMMER 2 5 W	2.73 2.74 2.43 4.69 4.03	4.0 T	.30 .24 1.00 .84 .50	•16 •16 •20	.33		.40	.25	.06 .15 .03			T T •03	.30 .04 .11 .17	T T	.08 .30 .20 .91	.05 .17 .01			.12 .09 .09 .86		•50	T	•11	.73	.03					1	.81 .12 .17 .06	.39 .35 .02 .05
SWEET SPPINGS TARKIO TECUNSEM 2 N TOPAZ 4 NE TRENTON	4.50 2.67 6.18 5.57 4.41	.06	.07 .74 .75	• 31	1.08 1.20 .35			•02 T	.05		*04 T *05	T •03	.13 T .35 .20		.73 1.29 1.45 .13	T •09		T	.15 1.41 1.08 .20		.07 .18	Т	•19 T •17 •38	.05 .40 .31				• 03			.34	1.32 .46 .20 .10 .47
TROY UNION 1 SE UNIONVILLE VALLEY PARK VAN RUREN	3.74 2.95 4.25 3.72 2.52	т	•26 •68	• 12	1.00 .95 .37 1.05	•02			.08 .05			T T •02	.20 .10 .38 .11	.28 .03 .05	•27	T • 0 6 T			. 22 . 24 . 34 . 37 . 40			.02	.05 .34 .03	.06 T .62	• 02	т				1	•55 •31 •34 •26	.65 .05 .39 .52
VANDALIA VANZANT 4 SE VERSAILLES VICHY AP CAA 2 NW WACO	5.31 2.97 3.92 3.71	.60 .19	T .48	1.00	.47	-	-	T .03	-	-	- •06 •06 T	- .08 T	.08 .11	-	1.43 .36 .35 1.02	•03	-	•11	1.15 .03 .02 .36		-	- •01 •40	* 18 T	.42	-	-	-	-	-	- .05 T	-06 •10 •11	.15 .45 .77
WAPPAPELLO DAM WARENSRURG CENT T C WARENTON 1 N WARSAW NO 1 WARSAW NO 2	5.91 4.62 - 2.92 3.31	1.20 .02 .09	.65	. 85 . 05 . 26				т	• 01 T • 03 • 06		•02	.02 .01	.09 .06 .38 T	TT	. 97 . 16 . 23 . 33 . 33	Т	т		1.03 .08 .24 .19 .21			т	.48 .26 .02 T	.61 .28 .37 .37						1	T .22 .80 .02 .04	- •34 •40
MASOLA MAVERLY MAYMESVILLE 2 M MERSTER GROVES WEINGARTEN		.86 .72 1.05		.81 1.25	7			.07				*09 T	.32 .29 .11 .10			1.00		•01	.60 .40 .05		T .06		.50 .19 .27	.44 .23				•07		T T	.60 .01 .73 .10	.06 .58 .0? .30
WEST PLAINS  LLIAMSVILLE  WILLOW SPRINGS  WINOSOR 3 NW  ZALMA 5 E	5.8 5.4 5.26 3.67 5.90	*03	*01 1*16 *55 *60 1*09	•55	055 1013 1004 1015			Т	.02 .03 .01	• 02	• 03	•11 •07 •06	•15 •05 •37 •10		1.37 .60 1.20 .18 .90	.30		1.21	**************************************			. 06	.54 .90 .31	.40 .33 .44			• 02			т	T T .15	.28 .10 .11 .69

## DAILY TEMPERAT URES

Table 5																Day	Of	Mont	h	-			_									1	
Station		1	2	3	4	3	6	7	8	9	10	11	12	13	14	15	16		18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
AOVANCE SESE	MAX	50 35	47	69	54 28	62	66 38	61	58	56 25	59	58	70 52	68	73 54	68	57	61	71	69	73 36	70 51	64	68	68	55	50	62	64	64		71	62.8
ALRANY	MAX	39	34	34	40	44	40	31	41	57	52	53	64	66	70	48	66	69	59	61	68	75	55	59	51	44	54	62	63	58	57	47	53.4
AMITY	MIN	20	33	33	33	18	40	18	21	55	38 53	53	65	29 67	47 69	50	66	67	58	60	78	77	32 54	57	28	27	20	62	28	60	68	52	30.3
ANDERSON 1 SW	MIN	64	65	65	51	67	66	63	60	66	60	69	69	35 76	50 77	65	67	35 65	67	71	81	79	65	67	58	59	66	63	66	35 78	74	76	67.3
APPLETON CITY	MIN	39 54	33	37 42	49	54	65	40	55	67	59	60	63	74	75	38 64	74	66	62	63	83	78	36 58	65	53	54	30 60	38	65	71	75	68	36.7
ARCAOIA	MIN	40	31	49	65	30 64	58	57	56	58	58	65	50	35 68	52 74	72	65	60	70	69	71	72	62	60	56	50	58	63	65	38 66	62	75	36.9
BETHANY	MIN	41	33	32	38	32	42	31	43	55	30 56	53	65	65	69	58	67	39 68	60	60	35 66	75	61	54	61	45	52	69	63	61	51	48	35.1
BIRCH TREE	MIN	56	52	63	12 49	65	67	17 63	57	58	36 57	43 55	70	69	72	34 70	61	60	70	66	76	70	60	66	63	26 58	59	63	31 64	31 66	74	75	30.5
BLACK 6NW	M1N MAX	52	32 46	37 50	27 48	26 65	63	28 58	21 58	59	31 57	46 63	65	50 68	53 77	72	62	48 61	71	29 66	76	72	62	34 62	30 62	28	60	62	35 63	29 65	62	77	36.2
80L1VAR	MIN	53	24 55	29 52	20 49	63	62	18	13 58	63	59	40 58	62	36 72	74	67	63	28 62	62	19	25 82	77	63	26 63	56	23 51	15 61	62	30 67	69		74	28.5
800NVILLE WATERWKS	MIN	53	35 32	33	33	31	35 55	30 40	25 32	31.	63	45 54	53	62	52 67	35 75	31	43 65	51	36 65	60	61	43 72	36 59	36 60	28	31 48	35 52	35 59	39 61		53	39.0
8ROOKF ! ELO	MIN	28	24 35	28	20	20	29	24	22 45	56	28	41 57	67	39 68	40 73	37 60	62	30 70	62	61	34 68	75	63	38	37 56	29	25	27	33 65	35 54		54	32 • 8
8RUNSWICK	MIN	22	24	29	13	20	22	19	20	19	30	39	51	30	51	29	26	33 65	48 68	32	42 59	82	42 79	32 59	31 60	28	23	53	33	32		60	31.9
	MIN	53 27	24	27	18	14	25	21	20	25	26	41	45	38	38	37	27	27	38	32	32	47	38	38	34	29	25	24	28		31	45	30.7
BUTLER	MAX MIN	56 33	30	30	48 17	67 31	31	56 23	55 24	33	61 45	59 46	57	73 39	74 53	36	69 31	43	63 52	32	50	62	63 40	63 34	33	54 29	30	30	32	72 41	53	53	63.3
BUTLER AP CAA 2N	MAX	42 30	42 29	34 25	46 16	64 32	46 28	39 26	53 26	32	49	58 45	63	69 38	72 40	34	67 31	59 43	41	60 34	80 46	73 39	55 37	62 32	30	54 26	59 29	31	65 32	71 39		43	58.3 34.6
CAMOENTON	MAX	4.4 32	45 32	33	48 29	64 25	63 35	48 30	55 20	65 27	63 35	61 36	58 36	72 40	75 52	75 36	68	67	58 45	65	72 50	75 55	75	60 35	33	5 2 2 7	58 26	62 32	65 38	66 36		73	61.9 36.4
CAMPBELL	MAK																								ļ								
CANTON L ANO 0 20	MAX MIN	42 24	34 24	34 29	36 17	40 17	36 18	29 19	39 ç	54 16	56 28	53 39	62 43	59 30	59 42	57 37	53 24	62 31	58 43	55 31	59 25	75 50	63 34	57 39	50	37 33	49 25	57 29	58 34	55 29		47	50.9 30.4
CAPE GIRAROEAU MO ST	MAX MIN	52 33	48 32	68 39	49 29	60 34	64	57 29	56 26	53	60 31	58 47	67 53	67 51	73 55	69 46	57 33	62 45	72 51	64 39	73 43	71 54	63 54	68 47	63	54 30	54 28	60 31	61 39	65 37		70 51	61.9
CAPLINGER MILLS	MAX MIN	56 35	49 34	48	51 20	67 29	58 29	48 30	58 31	65	62 43	60 45	60 51	73 39	75 52	61 35	68 28	63 39	62 49	66 28	83 48	79 60	62 39	65 32	56 30	53 26	52 30	63	64 31	72 35		74 50	62.8
CARROLLTON	MAX	45 23	37 25	35 27	39 12	46 18	42	31	48	55	53 37	57 43	64	67 36	74 51	55 37	65 25	66 36	61 49	59 31	82 45	78 58	58 34	60 34	55 33	48 26	54 22	63 27	64	52 32		59	56.0
CARTHAGE	MAX MIN	57 37	56 38	52	52 23	65 33	61	56 31	59 25	66	60	63 46	61	74 51	74	69	68	64 41	63	68	81	77	67	65 33	58	55 27	59 32	62 36	63 32	75 37		74	64 · 3 38 · 6
CARUTHERSVILLE	MAX M1N	56	52	71	71	62	69	67	65 31	54	60	62	72	72	70 58	69	59	58 34	67	67	77 46	76 55	68 52	67 49	67	62 32	54 34	60	66	67 38		71	65.5
CHARLESTON	MAX	50 38	52	71	53	61	68	63	57	56	61	60	66	65	73	68	57 33	62	73 54	68	75 43	70	66	69	63	53	55	63	65	67	61	70	63.3
CHILLICOTHE RADIO KCHI	MAX	45	36	33	36	33	41	30	47	56	32 54	48 54	66	5 <i>2</i> 65	56 71	46	64	65	61	61	69	79	67	56	54	43	52	63	63	62	56	58	55.1
CLEARWATER DAM	MIN	19	23 48	66	13	18	70	20 66	21 61	59	35 59	60	70	32 69	46 77	35 74	65	31 62	71	36 70	36 75	77	31 63	25 68	67	29 55	22 58	63	63	30 65		77	30.7
CLINTON INNW	MIN	35 58	32	41	29 33	30 47	33 65	29 45	23	52	29 64	46 48	54	48 60	55 70	74	26 50	66	51 61	32 61	34 60	83	77	40 59	36 62	31 46	27 51	31 58	36 62	31 83		72	38.0 57.9
COLUMBIA WE AIRPORT	MIN	19	30 41	31	11	19 57	27	27 35	26 51	63	3 <i>2</i> 57	44 59	62	32 68	53 73	37 48	63	31 64	62	61	33 81	75	37 62	31 61	43	26 49	28 54	61	28 62	38 57		61	32.9
COLUMBIA 9NW U OF MO	MIN	25	27	27	20	27	26	22	22	28	42	45	46	39	48	34	29	43	43	36	48	47	36	39	32	29	24	32	34	35	44	46	34.7
CONCEPT:10N	MIN	42	32	32	32	40	44	32	44	5.8	63	51	61	64	65	49	66	67	61	61	66	74	59	59	60	43	49	63	67	64	50	48	53.7
CRYSTAL CITY IN	MIN		22		10		21 52		21 55	58	41		45 71		47			35 65			41				25 56	24		30	28	34 63	43	75	30.5
OONIPHAN	MIN	26	29	33	26	29	31	26	20	24	31	47 58	52	42 68	53 75	41 71	26	41	50	36 71		59	62	40	35	31	23	27	37		43	76	36.1
	MIN	36		42		25			22		32		54			42		46	51		31				36		26			29		54	37.4
EOGERTON	MAX																																
ELOON	MIN		23		20	63 31			53 23	63	58 39	60 44	52		64 39			62 44		62 35	83 43	61		63 37			56 24			37	69 47	52	36.2
ELS8ERRY	MAX	41 20	4 0 26	30	35 27	42 74	54 25		32 12	20	58 32	60 40	62 49	65 38		78 42	45 25	59 35	66 48	68 37	59 34	66 45	69 40	63 42	63 37	45 32	43 23	52 30	59 38	58 26		53	54.3 32.9
FARMINGTON	MAX	48 30	44 29	45 34	48 26	64 31	57 34	60 25	55 21	58 25	60 34	65 46	66 53	66 42	75 54	68 39	61 28	56 35	70 50	66 37		70 55	61 44	64 41	58 36		54 26	60 28		64 31	57 46	75 52	60.6 36.7
FARMINGTON AP CAA	MAX	40 30	44	45	46 27	65 32	57 30	58 26	54 22	56 25	60 33	65 47	66 51	66 42		53 36	59 26	63 40	70 39	63 35	73 37	70 49	59 45	64 41	56 31	47 29	54 25	59 27		64 28	56 47	74	59.4 35.6
FAYETTE	MAX	45	3 8 2 5	3 B 2 9	40	51 24	48	31	47	62	57		62	68 39	76 54		64	66 37	61	61	84 45	78 62	64 37	62 35	47 34	48 28	52 21	58 31	61	53 34	61 43	67	57.0 34.3
FOUNTAIN GROVE WILDLIFE	MAX	49	37	37	36	46	44	31	43	55	56	56 39	61	67	72 46	70	64		61	60		78		58	55 26	45		63	65		58	58	56.3 27.6
							7				,	37	7,	- 0	-0	34																1	

Table 5 - Continued		,							<i>D</i> .	7 11.	<u> </u>				1111		01	ш													MA	RCH	1953
Station		<u> </u>													1	Day — —	Of	Mont	th														srage
	_	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		21			24	25		27	28	29	30	31	Av
FULTON 45W	MAX	53	31 21	28	39	18	55 29	27	37 20	25	61 27	58 39	60 44	63 40	68 40	73 37	25	61 30	63	65 33	60 35	75 46	71 37	62 39	33	27	48 23	55 26	5 9 3 2	61 31	61 38	65	55.9 31.3
GRANT CITY	MAX	3D 20	33 26	30 24	36 10	42 20	38 20	31 17	41 21	54 24	53 39	54 42	63	65 31	66 44	45	65 25	67 33	57 37	58 28	67 40	74 49	54 32	57 33	47	44 26	53 21	61 29	63 28	54 34	49 37	45	51.5 30.1
GREENVILLE 4 NNW	MAX	50	48	67 41	50	67 27	69	65 28	64	59	57 29	61	70 56	68	77 55	70	63	60 40	74 52	71 30	75 33	73	62 48	68 36	67	56 24	60 25	66	66 32	68 28	61	77 51	64.8 37.0
HANNIBAL WATERWORKS	MAX	31 23	35	35	38	47	33	28	41	58	60	58	61	64	73	49	58	67	62	57	65	76 50	61	60	44	45	49	58	59	57	49	50	52.5
HARRISONVILLE	MAX	48	25	35	17	22	20	16 37	57	65	35 57	45 56	66	37 69	73	52	65	60	63	60	82	77	55	63	55	32 55	25 58	66	34 65	35 58	40 75	70	32.6 58.9
MERMITAGE	MIN	26	25	26 5D	50	27 65	57	25	57	65	42 53	60	50 60	38 74	50 75	33	29 65	64	62	31 64	46 83	53	40 65	31 64	31 56	25 53	63	63	30 65	38 68	49 71	46 75	34.8
HOUSTON	MAX	17	30	30	19	24	23	27	16	22	34	43	49	36	51	34	21	33	48	23	35	62	23	29	25	19	22	26	26	26	56	33	31.4
	MIN																																
JACKSON	MIN	52 35	4 7 3 3	67 43	48	62 30	63	59 29	58 27	26	61 29	58 47	67 54	70 50	74 56	69 45	58 30	62 43	52	68 35	76 38	72 53	63 50	69 43	66 39	53 30	55 28	30	63 38	65 30	60 48	75 53	62.9 38.9
JEFF CITY KWOS	MAX	46 26	45 27	40 32	47 22	63 28	57	39 25	53 20	63	57 39	61 45	65 53	69 37	75 55	67 38	66 24	64 39	66 51	62 36	82 44	75 60	63 35	63 38	51 32	50 30	56 22	60 28	63 36	59 29	69 47	70 55	60.2 35.7
JOPLIN AP CAA 4N	MAX	49	54 37	41 28	51 24	62 36	59 39	5 <i>7</i> 30	58 29	66 39	51 45	64 48	60 46	74 46	72 46	5 4 3 8	65 37	60 49	61 45	67 36	80 51	73 48	58 45	63 37	53 33	53 28	58 37	62 38	63 39	76 46	72 58	76 46	61.5 40.1
KANSAS CITY HR APT	MAX	38 25	36 27	33	40 18	52 30	36 25	34	47 30	64	52 48	56 47	66 46	68	71 40	49	68	64 41	60	64 38	82 50	75 48	56 40	59 40	45 35	51 32	55 30	63	64 36	56 41	76 49	53	55.9 36.3
K C UNIV DF K C	MAX	45	35	35	39	47	49	35	48	64	62	56	66	68	71	50	69	65	61	63	82	75	55	59	59	51	55	63	77	78	76	61	58.7
KENNETT RADIO KROA	MIN	25 56	26	18	71	31 64	69	20 67	25 66	30 58	45 59	60	74	36 73	36 77	72	28 60	38	69	29 69	45 77	75	36 67	70	35	27 62	27 55	62	67	35 68	73	69	33.4
<1DDER	MIN	39	39	48	30 35	32 45	37	35 29	31	33	37 52	48 53	56 64	55 66	59 71	48	36 66	49 67	54	39 60	44 78	75	50	45 58	48	32	32 57	39 62	40 72	36 64	48 63	60 55	42.9 54.6
	MIN	22	22		19	20	18	20	24		43					27						34	33	29	24	23	29	28	35	43	42	38	
KIRKSVILLE RADIO KIRX	MIN	23	32 19	30 26	36 12	18	36 14	27 17	12	18	56 37	54 42	47	61 29	69 42	60 34	59 21	30	45	57 28	62 39	73 52	57 32	56 36	27	40 26	50 20	59 27	60 32	57 27	47 39	46	51.5 29.4
KIRKSVILLE AP CAA 755E	MAX MIN	30 22	33 22	33 19	34 13	41 16	29	26 9	40 17	51 18	53 34	53 41	64	63 32	70 42	42 30	58 22	66 33	56 38	56 28	62 42	73	57 32	54 35	38 28	41 26	51 21	59 27	60 32	54 30	48 40	46	49.7 28.8
KOSHKONONG	MAX	56 35	49 34	49	49 29	67 32	72 39	72 31	60 23	59 31	56 40	57 45	70 53	70 52	73 53	74 41	62 32	62 49	70 51	70 48	72 45	72 58	63 46	64 40	65 40	56 29	54 29	63 39	63 40	65 39	66 52	76 55	63.7 41.1
LAKESIDE	мдх	59 26	35 29	49	3 5 2 3	50 26	65	52 27	47 20	55	65 28	50 43	61	64	71	74 39	52	66 29	62	65 29	67 36	83	73 33	62 34	63	49 32	53 26	59	62 36	64 29	65 38	71 51	59.6 32.8
LAMAR	MAX	61	43	53	38	51	65	55	45	59	65	52	60	61	71	73	57	68	60	63	67	82	76 44	59	65	55	56 31	58	63	65	77	72	61.1
LATHROP 3SW	MAX	32	35	35	20	21	31	33	25	30	38	44	47	40	45	35	31	,,	42	36	54	33		33	"	27	31	22	33	22	52	23	36.0
LERANON 1 ENE	MIN	52	60	52	47	63	59	57	57	65	54	58	65	72	74	64	64	60	66	64	82	72	61	65	52	51	60	62	63	66	73	76	62+5
LEXINGTON	MIN	34	31	33	23	30 38	35	29	22	30	38	44	53	43 65	53 69	35 74	27	68	50 67	35 61	46	56 83	39 78	34 57	57	25	26 50	29	31	34 65	53 52	73	37 • 0 55 • 1
	MIN	29	24	28	17	18	27	20	22	28	29	43	45	41	42	36	34	35	45	35	36	54	40	38	36	28	27	29	34	35	45	47	33.8
LICKING 4N	MAX	57 30	37 27	30	20	21	25	62 25	56 16	56	60 28	46 37	58 41	63 39	71 46	73 34	52 21	63 32	59 45	67 26	63 36	76	65 35	58 29	63 27	54 25	50 19	61 24	60 30	62 25	65 43	70 48	59.2 30.8
LOCKWOOD	MAX MIN	43 36	55 39	50 33	52 23	65 35	61	57 34	61 27	65 35	57 43	62 46	64 45	71 49	74 53	58 35	67 33	62 45	64 50	69 33	81 47	74 58	58 43	65 33	55 36	55 28	57 33	63 36	65 33	74 39	73 30	74 50	62.9 38.7
LOUISTANA STARKS N	MAX	47 25	41	38	39 20	50 26	50:	37 22	45 14	60	61 29	62 46	65 52	67 32	73 49	65 38	58 25	66 39	65 50	58 35	70 34	76 58	66 34	62 41	52 33	41 32	53 23	59 26	59 37	60 25	52 42	52 46	56.4 33.4
MACON	MAX	50 25	26 23	35 25	32 15	37 15	46	33 18	32 17	44	58 24	56 40	58	66 34	63 35	73	41	60 28	67 37	59 31	58 32	65	72 35	58 38	58	35 27	43 23	50	61	62 32	54 41	51	51.7 29.5
MALOEN AP CAA 4NW	мдх	46	52	71	50	63	69	66	59	54	59	60	73	66	73	61	57	61	73	68	76	66	67	69	63	55	53	63	67	65	71	70	63.4
MARRLE HILL	MIN	53	35	- 1	50	33 62	39 68	33 61		54	35 60	48 60	69	52 69	56 75	71		62	73		74		63	69		31 55	57	- 1	65	38 67	59	74	63.9
MARSHALL	MIN MAX	35	32	43	29	26	29	28	23	22	27	47	52	45	55	44	25	38	52	29	31	55	49	40	34	27	24	26	32	26	44	50	36 • 1
MARSHEIFLD	MIN		5.0	5.0	1.5	61	60	6.2	6.7	63	6.5	6.0	6.2	70	7.2	60		6.0		4.2	9.	7.0	60	63	60	10	6.4	50	62	67	7.2	7,	62.2
	MIN	33	33	33	23	61 29	35	33		33	40	55 42	51	49	73 51	35	29		49	33	81 49	59	68	35	31	27		35	35	36	72 53	51	62.3
MARYVILLE	MAX	34 19	30	29		14	20		42 17		50 37	49 41	60		64 43		63 25	64 36		56 25	65 39	72 48	48 31	56 29	23	21	50 22	60 29	61 26	57 36	47 39	45 37	50 · 2 28 • 6
MEMPHIS	MIN		28 22			37 11	15	32 16		40 17	52 19		54 42	66 32	63 34		40	57 27			57 30		74 35	59 37	56 29	36 26	36 23	53 25			57 31		50.0 27.2
MEXICO	MAX		30 24	38	34 19	40 19	54	40		46	62 27	59 41	64		67 38		43 26	61 28		64 31	59 34	80	73 36	63 37	61 36	43 29	47 22	52		62 30	60 39		55.3 31.2
MOREPLY RADIO KNON	MAX	24	35	32	36	51	43	29	46	60	55		62		75		60	64	59	60	79 41	73	62	62 36	47	42		59	60		54 42		54.4
MONETT	MAX					48	65	66	63	60	65		- 4		78	72		65		65					69	55	54	57	63	67	78	70	
MOUNTAIN GROVE 2N	WAX		39 53		47	26	65		60	34 58	54		65		74	72		58			75		64	32 63	60	50	32 54	62	37 60	65	56 68	73	39.1
MOUNT VERNON 35#	MIN MAX	33	32 60	34		32 63	61	31 57		32 62	42 56	42 60	51 61		52 60	36	30	60			44 78	58 74		39 64	37 56	29 52	29	35 61	36 61	36 75	50 71	51 73	38.8
NEDSHO	MIN	34	39	35	24	31	39	37	24	31	43	44	52	43	38	34	30	42	49	31	47	60	43	33	34	27	30	39	33	35	56	48	38.2
	MIN	61 36	65 39	61	52 25	29	28	62 33		33	60	47	56	50		38	28	64	54	71 31	81 49	62	64 40	32	1			38	31	37	74 56	50	66 • 3 39 • 0
NEVADA	MIN	60 30	33	33		66 33			58 26		63 45	58 46	62 52	7 <i>7</i> 38	73 53	59 36		63 46			82 50	76 64	65 44	65 35	37		63 29		67 35		74 59		39.5
							1			1		Sec	o refe	erence	notes	e foll	iowing	Stati	on In	dez.		-			1								

- 41 -

## DAILY TEMPERAT URES

M. . SOUR | MARCH 1953

Table 5-Continued		1 .							ט	$_{ m L}$	LI	- 11		IPE				n.E.							-	-	_	_	-			RCH	1953
Station												- Т					Of				00	-01	00	00		00		0.5	00				verage
NEW FLORENCE	MAX	42	2 41	37	4 4 1	5	50	36	8	60	10	60	12	66	76	15	61	17	18	19	77	73	63	61	52	25	53	58	59	29	60	59	57.0
OREGON	MIN	19	25	31	18 36	25 45	28 43	22	18	24	37 52	44 53	53 64	39 66	49	36	24 66	65	50 60	32 60	42 81	78	38 50	39 60	32	27	22	29 61	33 63	35 53	41 57	47	34.4
OZARK BEACH	MIN	21	23	26	13	23	24	18	74	28	43	44	46	39		32	31	39	43	30	44	49	37	34	29	25	26	33	31	40	44	40	37.6
	MIN											60			2.0					7.	~0	2'0											
PERRYVILLE	MIN	30	45 30	36	48 26	62 30	34	58 27	55 23	55	30	59 47	67 53	67 48	75 53	71 42	58 28	63 43	51	76 38	72 34	52	62 48	66 41	63 38	48 30	58 25	61 28	62 37	31	61	50	61.7 37.2
POPLAR BLUFF	MIN	39	4 9 3 5	47	68 34	30	65 38	71 32	27	30	56 33	56 47	58	76 52	70 55	76 47	65 32	59 48	61	76 36	70 37	76 57	73 51	64 41	71 43	65 29	57 29	56 34	67 42	69 33	67 49	57	40.4
PORTAGEVILLE	MAX	39	54 39	72 49	77 34	61 34	69 39	67 36	63 30	30	60 36	60 49	72 55	71 55	73 53	68 35	69 37	59 49	69 53	69 40	77 43	75 55	67 52	69 48	68	61 37	54 31	61 37	66	68 36	70 50	70	66.1
PRINCETON	MAX	51 23	40 23	34 23	36 10	45 14	45 12	33 17	52 18	57	55 32	54 42	65 46	66 26	70 46	61 29	63 21	63 26	43	61 28	66 43	51	68 30	57 35	23	49 24	55 19	61 24	73 29	64 26	50 41	50	55.1 28.4
ROLLA MO SCH MINES	MAX	57 32	33 29	47 32	37 23	48 27	55 40	55 26	55 22	55 28	62 37	50 44	61 48	67 45	70 51	75 37	52 29	64 42	61 51	69 35	65 42	78 59	68 41	61 41	63 36	53 34	50 31	58 34	60 37	62 35	64 43	70 50	58.9 37.5
SÁINT CHARLES	MAX		40 27	40 35	46 25	56 30	52 30	42 26	50 22	60 26	61 34	65 49	67 55	68 41	81 51	62 44	60 29	66 42	70 52	62 38	72 41	75 59	65 43	65 44	57 36	48 32	55 29	62	63 36	63 32	64	78 52	60.5 37.9
SAINT JOSEPH W8 APT	MAX MIN	33 23	35 26	30 24	37 13	52 16	32 22	33 21	44 25	60	47 42	53 44	63	66 35	67 38	47 31	67 30	65 34	59 43	61	81	74	54 37	60 35	40	47 28	55 28	61	65	51 38	68	47	53.4
SAINT LOUIS WE APT	MAX	38 26	40	37 31	46	55 28	46 28	40	47 22	5 8 2 7	61	63 49	64	66	79 50	52	58 30	66	68	58 38	72 43	75 52	65	64	48	44	53	59	59 36	60	53 42	77	57.1
SAINT LOUIS WE CITY	MAX M1N	40 26	40	39	45 25	55 32	50 30	43 27	47 25	56	58	61 51	65	68	78 52	57.	57 35	65	68	59	70	72	62	63	50	44	54 32	59	59	60	52	76	57.2
SAINT LOUIS UNIV	MAX	40	38	39	45	53	51	41	48	55	58	61	65	66	79	65	56 35	64	6,8	58	71	73	63	63	58	44	51	58	60	59	54	75	57.4
SAINT LOUIS WASH U	MAX	49		40	38	32	53	48	25 42	49	40 58	50 59	63	46 66	53 68	78	46	57	66	70	60	72	74	65	36 65	50	33 47	53	60	60	61	50	39.7 57.2
SALEM	MIN	30 57	26	31 50	25 43	27 48	33 65	26 61	23 62	58	32 61	43 50	51 62	67	46 71	76	30 54	37 65	62	71	66	78	46 65	61	65	33 57	30 50	35 59	38 60	36 62	43 64	65	36.9
SALISBURY	MIN	30	27 43	32 36	39	26 51	25 45	27 32	22 48	61	32 55	41 59	66	67	52 74	37 62	34 63	38 68	61	36 61	83	78	38 64	38 58	34 52	27	32 54	62	32 64	30 57	39 58	57	35.4 56.9
SAVERTON L ANO 0 22	MIN	24	25 36	36	16 39	24 47	39	21	20	25 59	40 58	67	50	63	53 74	63	57	38 63	50 62	32 57	62	75	36 65	38 61	34 51	29	53	32 56	32 58	33 55	53	46 52	34.5 53.9
SEOALIA	MIN	25 53	26 46	31	21	26 59	25	23	17	24	33 63	43 59	48 62	35 68	42 73	40 69	29 66	41 65	48 60	36 61	40 83	53 81	37 67	42 61	34 53	34 50	28	32 61	39 62	32 62	<b>43</b>	69	34.6 60.2
SELIGMAN	MIN	27	27	30 62	16 48	28 63	31 58	25	23 58	29 64	43 56	65	52	40 75	52	36 68	27	60	51	34	46	63	40	36	36	28	27	29	32	39 76	48	73	36.5
SEYMOUR 4NNE	MIN	36	35	35	24	34	40	36 55	25	38	41	41	53	50	50	36	34	50	50	38	52	60	44	38	35	25	35	40	35	45	55	50	40.6
	MIN	50	59				61						64				59	55	63	65		69	64	61	53		52	59	60	57	69	75	60.6
SHELBINA	M IN	24	35 24	35	35 15	20	20	30 20	17	58	58 32	59 43	62 49	63 37	72 42	37	57 23	67 32	63 47	57 30	40	72 57	68 32	60 38	52 32	30	50 23	59 28:	60 32	59 27	52 42	52 42	53.5 31.8
SIKESTON	MIN	56 31	40 36	37	71 33	49 32	34	68 32	62 29	28	55 29	61 38	49	70 52	65 53	72 45	59 33	57 36	50	71 39	67 43	75 49	69 50	67 46	43	63 30	51 29	53 32	61 38	64 35	66 43	52	61.7 38.9
SIKESTON CROP EXP FARM	MAX	48 36	49 35	70 46	49 31	59 31	65 37	67 31	55 28	53 26	59 32	59 47	68 53	65 50	71 56	68 46	55 33	60 45	71 51	66 39	72 41	67 51	66 49	67 45	62 42	55 30	52 29	60 32	63 38	65 35	64 49	69	61.9
SPRINGFIELO W8 APT	MAX	47 33	60 38	26	48 23	62 32	60 35	55 26	56 25	59 35	46 42	56 44	61 50	69 49	72 52	52 36	63 32	58 45	61 45	65 39	81 49	72 46	59 42	63 38	52 29	50 28	52 31	60 37	61 33	70 39	71 56	73	59.9 38.1
STEFFENVILLE	MAX MIN	42 24	35 24	34 28	38 15	43 18	40	28 19	41 10	54 19	60 37	57 43	63 50	64 33	70 45	67 36	56 25	68 35	62 48	56 30	62 39	75 56	67 33	58 38	50 31	40 32	51 23	60 29	60 34	58 30	48 41	49	53.4 31.8
SWEET SPRINGS	MAX MIN	49 26	40 26	40 26	40 15	53 22	51 25	34 24	49 21	65 26	61 40	58 43	65 49	68 33	75 51	70 37	67 24	66 38	62 49	64 31	84 40	80 58	59 35	64 32	54 31	52 27	55 24	65 28	66 31	56 31	69 45	68 48	59.6 33.4
TARKIO	MAX	38 22	35 23	33	39 12	46 19	36 22	32 18	45 24	59 27	53 43	53 44	63	67 34	60 46	46 32	65 29	67 32	58 42	60 29	70 43	74	47 33	60 34	48	48 26	55 24	62 27	65 28	58 39	50 42	48	52.9
TRENTON	MAX		33	34 27	37 12	49 21	42 21	30 19	45 22	57	55 40	54 44	69 48			61 35		67 38		60 28	68 42	69	58 45	59 36	57 29	47 29	54 23	64	65 34	62 35	55 43	52	55.2 33.3
UNION 1 SE	MAX MIN		43	42		58	51 28	43	53	60	59 30	65 46	67 53		78	63 39	62	65 37		60 35		74 59	64 38	68 38	57 32	48 29	55 22	60	62 36			77	60.3
UNIONVILLE	MAX MIN	35	31	32	33	39	36 16	34		49	56	52 41	63	60		51	58	66	59	56	62	72	55	55 35	49	37	51	58	55	55		45	49.9
VANOAL I A	MAX		2.6	2.6	7	.,	10	17	24	20	74	71		32	71		۵.	,,	42	20	40	71	J1	,,		20	2.6	6 7	,,	7-	7.	40	7307
VERSATLLES	MAX		44			63			53			63			73		63	65	61		85			65			57				68		60.6
VICHY AP CAA 2 NW	MIN	40	41		47	37 62	51	52	53	61	51	61	65		75	35 50	29 64	38 61	68	62		68	39 62	62	50	50	26 56		33 60	64	69	75	36.3 58.8
WAPPAPELLO DAM +	MIN		28	53	23 67	31 50	28	68	21 62	63	39 54	45 56	58		47 66	73	27 59	46 58	60	36 72	69	75	38 68	38 63	70	63	24 54	54	34 65	37 65		67	35.3
WARRENSBURG C T C	MIN	35	3 4 3 8	36 38	31	32 53	40 53	30 36	27	28	33 63	40 59	48 62	51	55 73	46 59	30	39 65	52 63	38 62		54 80	49 63	43 63	55	29 57	31 56	35 64	41 61	36 61	49 71	71	39.6 59.2
WARRENTON IN	MIN	25	27	31	17	31 55	34 55		25 47	30	45 61	45	52	40		37	33	46		38	46	63	40	37 65	38	30	28	35	34	40 62	48	51	38.3
WARSAW NO 1	MIN	30	22	32	21	27	28		23	25	39	45	45	39 70	50	38	27	45		35	42	60		40	32		21	30	34	33		72	34.9
WASOLA	MIN	31	30	37	20	28	27	27	20	25	42	44	51	34	52	37	23		50	29	43	61	36	37	29	28	28	28	30	31	54	51	35.2
	MIN	32	58 35	36	26	65 31	37	32	63 28	33	5 <b>3</b>	43	69	51	77 52	37	32		70 49	70 38	48	59	63	67 38	39	27		37	38	40		56	39.9
WAYNESVILLE 2W	MIN		55 29			66 23			59 16			60 42	68 50			70	65 20		70 48	65 26		79 48	61 31	63 26	53		19			65 24	72 47	48	31.2
												See	refe	erence	notes	fol1	owing	Steti	on In	dex.			,		1							J	

### DAILY TEMPERAT URES

Pable	5.1	Con	hin	1200	1

Table 6

																Day	Of	Mon	th														959
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
MERSTER GROVES	MAY	39 23	40	3 A 3 O	46 22	54 27	48 30	47	50 18	24	59 34	65 46	66 51	67 48	80 49	60 38		65 40	69 49		77 39	76 56	64	64	51 27	44 33	<b>5</b> 3	59 34		60 36	53	76 47	57.9 35.8
»EINGARTEN	MAX	49	40	42 34	4A 31	63 31	60 38	50 24	54 21	58 25	62 36	66 47	68 59		73 53	65		64	70 51		74 39	70 59	62 47	64 42	63 39		55 25	60 27		64 37	<b>5</b> 9	76 50	
MEST PLAINS W 8 AIRWAY	MAX	46	5 4 35	65 34	49	66 28	69 31	64	63	56 33		55 46	70 53.		75 50	57 34	61	57 46	70 40		77 39		55 43	66 35	61 32		50 30	65 39		66 33	71 54	77 51	62.3 37.8
willow SPRINGS	MAX	54	5 4 3 3		48	65 30	68	60 29	60	60 31		54 44	68 51		75 56	74 38		56 47	69 50		78 40	72 51	61 42	65 34	58 32			63 34		67 32		77 54	62.5 37.6
«INOSOR 3N»	MAX	27	36 27	35 30	43	63 30	53	36 25	52 22	64	48	58 44			74 51	60 36		65 41			82 45	76 57			47 37		56 27					68	58.0 36.6

## DAILY SOIL TEMPERATURES

																Day	of mo	nth															age
DEPTH	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave

#### CONCEPTION

1	INCH	6РМ	32	33	33	32	33	34	32	34	42	44	47	54	52	49	43	51	52	51	52	53	54	45	48	39	43	46	52	53	43	47	44	44.1
3	INCHE5	6РМ	34	33	34	32	33	33	33	33	36	41	44	49	47	49	41	45	48	47	45	48	53	45	43	39	40	41	46	48	42	46	43	41.6
6	INCHES	6РМ	36	36	36	35	35	35	35	35	35	39	41	44	43	47	41	42	44	46	43	45	51	46	45	41	40	40	42	44	43	45	44	41.1
12	INCHE5	6РМ	38	38	37	37	37	36	36	36	36	38	40	42	43	44	43	42	43	45	44	45	47	47	46	44	42	42	43	44	44	45	45	41.6
24	INCHES	6РМ	40	40	40	39	39	39	39	39	39	39	40	41	42	43	43	43	43	44	44	44	45	45	45	45	45	44	44	45	45	45	45	42.4
36	INCHES	6РМ	43	43	43	43	43	43	42	42	43	43	43	43	43	43	43	44	44	44	44	44	45	45	45	45	45	46	46	45	45	45	46	43.9
72	INCHES	6PM	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	44	45	44	45	45	45	45	45	45	45	45	45	45	45	46	44.5

#### SIKESTON CROP EXP. FARM

1	INCH	6РМ	40	47	58	47	51	54	50	50	49	52	55	50	60	54	55	54	54	53	59	60	59	57	60	55	48	54	58	54	59	56	62	54.0
3	INCHE5	6РМ	41	46	58	48	51	55	51	52	50	52	54	49	59	53	57	55	54	62	59	59	58	58	61	57	51	54	57	55	59	55	61	54.5
6	INCHES	6РМ	43	45	54	48	49	52	51	50	49	50	52	56	57	60	57	55	53	60	-58	57	56	57	60	57	52	52	54	54	56	54	59	53.8
12	2 INCHES	6РМ	44	44	49	47	46	48	48	47	46	47	49	52	56	55	55	53	53	55	54	54	55	55	56	55	52	50	51	52	52	52	56	51.2
24	INCHES	6РМ	45	45	46	47	46	46	47	47	46	47	47	49	50	51	52	52	51	52	52	52	53	53	53	53	53	51	51	51	51	51	52	49.7
48	INCHE5	6РМ	46	46	46	47	47	47	47	47	47	47	47	48	48	48	49	49	50	50	50	50	51	51	51	51	51	51	51	51	51	51	51	48.9
72	P INCHE5	6РМ	47	47	47	47	47	47	47	47	47	47	47	47	47	48	48	48	48	48	49	49	49	49	49	50	50	50	50	50	50	50	50	48.3

## EVAPORATION AND WIND

	Station																1	Day o	f mor	nth														
	Supon		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
LAKE510E		EVAP WINO	.10	.01	.02	.00	.11	.14 46	·10	.07	.06 26	.08	.02	.03	.04	.09 38	.23 165	.00		.03 17	.14	.13	.31 157	.23 120	.10 65	.13	-11 82	•11 40	·12	.17 55	.16	·12		3.21 1569

CALL																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21.	22	23	24	25	26	27	28	29	30	31
BETHANY	SNOWFALL SN ON GNO		9.0	6	5.0	7	4	3	0.5	2	1																					
BUTLER CAA AP	SNOWFALL SN ON GND	1		1.4	0.3																											0.8
CANTON LOCK & DAM 20	SNOWFALL SN ON GNO		5.5	6	6	6	6	6	6	4	3	1																				
CHILLICOTHE RADIO KCHI	SNOWFALL SN ON GNO	6.0	1.2	3.4	S	2	2	0.2	1												Т											
CLINTON 1 NNW	SNOWFALL SN ON GNO		-	_	_	_	_	_	-																							
COLUMBIA WB AP	SNOWFALL SN ON GNO WTR EQUIV	6.2	6	0.1	2	0.1	Т	0.3							7																	
FARMINGTON	SNOWFALL SN ON GNO		1.0	1	T	Т																										
HANNIBAL	SNOWFALL SN ON GNO		- 4	2	- 2	1	_	_	1																							
JOPLIN CAA AP	SNOWFALL SN ON GNO			0.3	T T																											T
KANSAS CITY WB AP	SNOWFALL SN ON GNO WTR EDUIV	4.6 T	5	6.1	9	T S 1.1	3	2-	1	Т	т																			T		
KIRKSVILLE CAA AP	(	6.8	ſ	·	0.1	s	5	1.8	s	3	2														T							
MACON	SNOWFALL SN ON GNO		s.0	4	6.0 B	6	3	2	3.0	1																						
MALDEN CAA AP	SNOWFALL SN ON GNO				Т										Т					,												
NEW FLORENCE	SNOWFALL SN ON GNO	7.0	T 4	3	1.0	T		1.0 T							Т																	
ST JOSEPH W8 AP	SNOWFALL SN ON GNO WTR EQUIV	7.8	В	5.9 7 0.B	13	10 1.5	S 1.4	0.1 S 1.2	4	1																				Т	Т	
ST LOUIS WB AP	SNOWFALL SN ON GNO WTR EQUIV	4.5	4 0.5	T	7	Т		0.8	Т					:	T																	Т
ST LOUIS WB CITY	SNOWFALL SN ON GND	6.1	6	T T	T			0.4	Т																							
SALEM	SNOWFALL SN ON GNO																															Т
SPRINGFIELO WB AP	SNOWFALL SN ON GNO	Т		0.2	0.2 T																						Т					
TARKIO	SNOWFALL SN ON GNO	4.5	2.0	3.0 S	4	3	2	0.1	2	т	т				Т	Т					Т									Т		
UNIONVILLE	SNOWFALL SN ON GNO		<b>-</b> 5	4	11	10	9	7	- В	6	3	Т													Т							
VICHY CAA AP	SNOWFALL SN ON GNO	0.7	1	T	0.5			Т														Т										Т
WARSAW NO. 1	SNOWFALL SN ON GNO				1.0																											Т
WEST FLAINS	SNOWFALL SN ON GND	τ																									Т					

Station	× No.	County	1 apan	ude	Longitude		Ober	Oheans		to		Station	x No.	County	nage ‡	nde	Longitude	ation	Obe vati tin	on	Observer	R	Refer to
ADVANCE 5 ESE	No 22	STOODARD		No 16	89 50	Elevation 255	Ĕ	5P NELLO MORONI 6P WILLIAM J BUTLER	2 3 2 3	bles 5	_	MANSFIELO MARRLE HILL	TO SZZT	WRIGHT BOLL INGER	Drainage	Patitude 12 12 12 12 12 12 12 12 12 12 12 12 12	92 35 89 58	Elevation	Тетр.	¥ Precip.	HENRY O. BROWN BRYAN A. WILLIAMS	ta.	bles
ALBANY ALTON 6 ENE AN V ANDERSON 1 SH	0143	OREGON DENALS HUDONALD	1 4 8	40 15 36 42 39 52 36 38	94 20 91 17 94 26 94 27	1620 1000	6P 7P	7A LOYD E BLACK 7A O. M COLHOUR TA K. M CHAMBERLAIN	2 3 2 3 2 3	5 5		MARSMALL MARSHFIELO MARTINSBURG	5298 5301 5319	SALINE WEBSTER AUGRAIN	1 2 3 7 3	19 07 17 20 19 06	93 11 92 54 91 39	532 775 1484	6P 5P 5P	5P 5P TA	MUNICIPAL UTILITIES SHO-ME POWER CO FR H. FREESE	2 3 2 3 3	5 7 5
AMMAPOL 5 3 SW AP E ON CITY AR AD A ALXYA SE AWA RANGER STAT ON	0204	IRON ST CLAIR IRON CALLAMAY DOUGLAS	9 10 7	37 20 38 12 37 35 39 00 36 57	94 02	800 926 -	6P	TA OPAL G. RUTTER 6P F PAUL EYE 7A ARCADIA COLLEGE TP C H. HOOK 8A U.S. FOREST SERVICE	2 3 2 3 3 3	5		MARYVILLE MEMPHIS MERCER 6 NW MEXICO MIDOLETOWN 5 NE	5492 5519 5541	SCOTLANO MERCER AUORAIN PIKE	6 4 4 6 3	0 21 0 27 0 33 19 10	94 52 92 10 93 38 91 53 91 22	1169 787 - 800	6P 7A 7A	TA TA 7A	R. B. MONTGOMERY JOHN W. ALEXANDER OSCAR L. MARTLEY D. N. WOODS ELOISE M. GRAHÂM	2 3 3 2 3 3	5
BE EV F W BERN E BE T-WARY B RENT TRUE BLOCK 6 No	0595 0608 3668	RON STODDARD HARRISON SHANNON IRON	10	37 41 36 40 40 16 36 59 31 31	90 41 89 58 94 03 91 30 90 59	1060 - 916 1000 1000		7A BEULAH M. ALEXANDER 7A HAROLO R. SUMMERS 7A CARL W. SLAUGHTER 7A MILORED E. CATLETT 7P OTTO GOGGIN	3 2 3 2 3 2 3	5 5 5	7	MILAN MOBERLY RADIO KNCM MONETT MONROE CITY MOREHOUSE	5671	SULLIVAN RANCOLPH BARRY MONROE NEW MAORIO	6 3 6 3	0 12 19 24 16 55 19 39 16 51	93 07 92 26 93 55 91 44 89 42	850 1310 -	6P 8A	6P	CMARLES E. SMITH RADIO ST. KNCM KENNETH G. MEUSER J S. CONWAY J. A. SPENCE	3 2 3 2 3 3 3	5 5
BLOCKE ELD BLINY L E WATER WORKS BUNLING URL N BRACLEYY LUE	0789	STODDARO POLE COOPER PIKE TAMEY	10 9 7 6	36 53 37 37 38 58 39 21 36 47	89 56 93 25 92 45 91 12 92 55	640 1071 690	7A	7A GEORGE E. LONG 5P SW BAPTIST COLLEGE 7A BOONVILLE MATER OEP 8A VIRGIL COOK 7A ELMER A. HUBBARO	3 2 3 2 3 3 3	5		MOUNT VERNON 3 SW NEOSHO	5834 5861 5976	FRANKLIN WRIGHT LAWRENCE NEWTON VERNON	8 3	8 23 17 09 17 04 16 52.	93 52	497 1463 1174 1011 862	6P 5P	6P	ERNEST J. FOSTER MO FRUIT EXP STA. WM. E. KIRCHHOFF U.S. FISHERIES STA. HENRY KRAFT	3 2 3 2 3 2 3 2 3	5 5 5
SMOONFIELD OR PASSILL FALD SUNKER BURL NOTON JUNICION	1037	LINY CHARLTON DALLAS REYNOLDS NODAWAY	9 I	39 47 39 26 37 38 37 27 40 26	93 08 93 05 91 12	76 T 652	74	5P G. F. BREEN 7A O. K. BENECKE BA L. H. HOWERTOM 7A C. D. HIGHLEY 7A RALPH B. FULLER	2 3 3 3 3 3	5		NEW BOSTON NEW FLORENCE NEW MADRIO NOVINGER 1 E OATES TOWER	16170	LINN MONTGOMERY NEW MADRIO ADAIR REYNOLOS	4 2 7 3 6 3 2 4 1 3	9 57 18 55 16 35 10 14 17 32	92 51 91 27 89 31 92 41 91 03	880	6P	6P 6A 7A	GERALD R. HILL HERBERT H. OAVAULT WESS HENSLEY VERN M. ROBISON ETHEL SUE ADAMS	2 3 3 3 3	5 7
BUT ER  D. LEH CAA AP 2 N  ANDEN TON  ANDES CAN AND AND AND AND AND AND AND AND AND A	1147 1212 1221	BATES BATES CAMDEN DUNKLIN LEWIS	1 9	38 16 38 17 38 02 36 29 40 08	94 20 94 20 92 45 90 04 91 31	848 870 940 314 488	4P 5P	SP HARLEY W. JOHNSON 11D U.S. CIVIL AERO AOM 4P MO CONSERV COM 5P MR. M. BOB COMER 7A LOCKMASTER	2 3 2 3 2 3 2 3 2 3	5 5 5 5	7	ODESSA OREGON OSCEOLA 3 NE OWENSVILLE OZARK	6357 6407 6438	LAFAYETTE HOLT ST. CLAIR GASCOMAGE CHRISTIAN	9 3	19 00 19 59 18 05 18 21 3T 01	93 5T 95 09 93 39 91 30 93 13	1093 - 935 1150	6Р	7A 7A 8A	WM. E. DOUGHERTY JAMES M. CURRY SAM H. SIMMONS ANETA E. IMAN WILLIAM L. REED	3 2 ± 3 3 3	5
CAPE GIRARDEAU MO STATE APE RARDEAU CAPETROER MILLS CARROL 'UN A THACE	1296 130- 1340	C GIRARDEAU C GIRARDEAU CEDAR CARROLL JASPER	6 9 7 11	37 18 37 18 37 48 39 22 37 11	89 32 89 32 93 49 93 30 94 17	347 - 754 962	5P 6P 6P	5P TEACHERS COLLEGE 7A LEE L. ALBERT 6P S. E. PRICE 6P HAROLO E. FINLEY 7A PHIL B. DAVIS	2 3 2 3 2 3 2 3	5 5 5	7	OZARK BEACH PACIFIC PALMYRA PARIS PARMA	6493	TANEY FRANKLIN MARION MONROE NEW MADRIO	6 3	66 40 88 29 99 48 99 29 36 37	91 30	700 - - -	88	7A 8A	EMPIRE DIS EL CO ARTHUR D. LEWIS JESSE E. GEORGE J. W. REED LAURA E. MORGAN	2 3 3 3 3 3	5
CARUTHERSVILLE  4 5V LE RANGER STA  HTERVILLE LEN ERVILLE RANGER STA CENTRALIA	1383 1467 1472	PEMISCOT BARRY REYNOLDS REYNOLDS BOONE	6 12 1	36 11 36 41 37 26 37 26	89 40	265 - - - -	5P	7A VICTOR T. MALLOURE 7A FLORENCE A. KAROW 7A COROA JANE MARRISON 8A U.S. FOREST SERVICE 8A EARL W. SEYMOUR	2 3 3 3 3 3	5		PERRY PERRYVILLE PIERCE CITY PLEASANT HILL POLO	6641 6678 6748	RALLS PERRY LAWRENCE CASS CALOWELL	8 9	39 25 37 43 36 57 38 48 39 33	94 00	1018	5P	5P 7A 7A 6A	OLIVER N. HOWARD JOHN S. MAGAN JOHN P OAVIS OEAN T. KNORPP RALPH C. ULBRIGHT	3 2 3 3 3 3	5
CHARLESTON CHARLESTON CHILLOTHE 2 S CHILLOTHE RADIO SCHILLEARMATER DAM	:540 :580 1585	CMR STIAN MISSISSIPPI LIVINGSTON LIVINGSTON MAYNE	6	36 56 36 56 39 45 39 46 37 07	93 33	771 648	SS	7A SYLVIA FLETCHER 6P CMARLESTON FIRE OEP TA H. O. DUPY SS RADIO STATION KCHI 7A U.S. ENGINEERS	3 2 3 2 3 2 3 2 3	5 5 5	7	POPLAR BLUFF PORTAGEVILLE PRINCETON PUXICO OULIN	6791 6799 6866 6934	BUTLER NEW MADRIO MERCER STOODARD BUTLER	1 6 3	36 45 36 26 40 24 36 57	90 23 89 41 93 36	332 282 835	7A 5P 5P	7A 5P 5P 7A	O. M. RICMAROSON THE PORTAGEVILLE RE E. WAYNE MCCLARAN J. W. STEINMEIER TORRENCE J. JOHNS	2 3 2 3 2 3 3 3	5 5 5
CLIFTON TY CINT N I NAW COLUMNA DLUMBIA NB AR OLUMBIA 9 NW L OF MO	1711 1773 1790	COOPER HENRY CARROLL BOONE BOONE	7 9 4 7	38 45 38 22 39 31 38 58 38 59	93 02 93 47 93 33 92 22 92 28	778	8A I	7A F S. NEEOY 8A LOYD M MILLAM 7A JEWEL B. TRUSSBLL 110 U.S. WEATHER BUREAU 5P CLOSEO	3 2 3 3 2 3 2/28	5 5 6 3/53	7	PEYNOLDS RICHWOODS ROBY ROBY ROLLA SCHOOL OF MINES ROUND SPRING	7122	REYNOLOS WASHINGTON TEXAS PHELPS SHANNON	3 3	37 24 98 09 37 30 37 57 37 18	92 08	1202	94	7A 7A 9A	EFFIE V. HILL ELMA M. DE CLUE ROY E. DANIELS SCHOOL OF MINES C. E. JONES	3 3 2 3 2 3	5
CHCEPTION DHCORDIA UK 576 ION ANE HOUNTAIN CPOCKER	183T 1870 1980	NODAWAY LAFAYETTE CRAWFORD IRON PULASKI	5 10	40 16 38 59 37 48 37 2T 37 57	90 38	1108 780 - -		SP FR. ADELHELM HESS TA MARTIN BROCKMAN TA THOMAS J GORMAN 9A ROY E THOMLISON 6P CHARLES 10EN	2 3 3 3 3 3	5		SAINT CHARLES SAINT JOSEPH WB AP SAINT LOUIS WB AP 12 NW SAINT LOUIS WB CITY SAINT LOUIS UNIVERSITY	7440 1455 7460	ST. CHARLES BUCHANAN SAINT LOUIS ST L CITY ST L CITY	7 :	38 47 39 46 38 45 38 38 38 38	90 23		MID	MIO MID	CHARLES J. KOENIG U.S. WEATHER BUREAU U.S. WEATHER BUREAU U.S. WEATHER BUREAU ST LOUIS UNIV	2 3 2 3 2 3 2 3 2 3	5 5 7 5 7 5 7 5 7
CRYS AL CITY 1 % CUBA DELR NG DE \$10 08 17ER	2043 2 56 2220	JEFFERSON CRAWFORD PEMISCOT JEFFERSON STODDARD	10	38 14 38 04 36 12 38 09 36 47	90 23 91 24 89 53 90 34 89 58	420		5P OSCAR F. ILON 8A FR C. J. HORNSEY TA CLARENCE E. CARNELL 7A ROY E. DEWEY 6A J. L. JACKSON	2 3 3 3 3 3	5		SAINT LOUIS WASH UNIV SALEM SALISBURY SAVERTON LOCK & DAM 22 SEDALIA	7506 7514 7578	ST L CITY DENT CMARITON RALLS PETTIS	5 2 3	38 39 37 38 39 26 39 38 38 42	90 19 91 33 92 48 91 16 93 14	537 1206 723 472 910	7A 6P 7P	7A 6P 7A	J. HOPP R. BRUST E. E. HARTIN OAVID H. ROBERTSON LOCKMASTER OR. J. E. CANNADAY	2 3 2 3 2 3 2 3 2 3	5 6 5 7 5 5
DON PHAN 2 W EAL TEND EDATEND	2294 2406 24 T4	RIPLEY RIPLEY IRON PLATTE KNOX	5 7	36 37 36 37 37 41 39 30 40 10	90 50 90 51 91 02 94 38 92 10	344 - 856	6P	6P BOYCE LACKEY 7A GEO. BAUMGARONER TA C. O. SMITH TA RODORA L. PERRY 7A PAUL O. PETTIT	2 3 3 3 2 3 3	5		SELIGMAN SEYMOUR 4 NNE SHELBINA SHELBYVILLE SIKESTON	7674 7720 7728	BARRY WEBSTER SHELBY SHELBY SCOTT	6 6	36 31 37 12 39 41 39 48 36 53	92 02	1542 1640 779 - 318		7A 8A 5P	FLOYO E. FAWVER CLAUDE E. GARFIT ORVILLE L. PAYNE EMMETT L. GOE LUCY W. HUMPHREYS	2 3 2 3 2 3 3 2 3	5 5 5
ELDON E DORADO SPRINGS ELIJAM E INGTON ELLS NORE	2511 2519 2547	MILLER CEDAR OZARK REYNOLDS CARTER	12	38 20 37 52 36 36 37 14 36 56	92 35 94 01 92 09 90 59 90 45	934		5P ARTHUR ROTHWELL 6P CLYCE J. SNODGRASS TA LOYO PRICE TA S. PHROHIA SANOERS 7A WILLIAM PERKINS	2 3 3 3 3 3 3	5		SIKESTON CROP EXP FARM SILDAM SPRINGS SPRINGFIELD WB AP 4 NW STEELVILLE 2 N STEFFENVILLE	7780 7976 8043	NEW MADRIO HOWELL GREENE CRAWFORO LEWIS	9 :	36 51 36 48 37 14 38 00 39 58	91 22	1265 650	5P MID	5P 7A MID 7A	CARL O. LUPER BESS M. BYERS U.S. WEATHER BUREAU ALFREO E. GOODMAN FANNIE V. GROSS	2 3 2 3 2 3 2 3	5 5 7 5
E.SBERPY FAIRFAX FARMING'ON FARMINGTON CAA AP 1 SE FAVEITE	2591 2729 2809 2811 2823	LINCOLN ATCHISON ST. FRANCOIS ST FRANCOIS HOWARD	6 T 10 6 6 7	39 10 40 20 37 47 37 46 39 09	90 47 95 24 90 26 90 24 92 41	649 - 896 898 760	7P H10 H	8A SOIL CONSERV SERV 7A DILLARO A. PRICE 6A F M. KARSCH 10 U.S. CIVIL AERO AOM 6P IRVIN E. SCHNELL	2 3 2 3 2 3 2 3	5 5 5 5	7	STOVER SULLIVAN 5 E SUMMERSVILLE SUMMER 2 SW SWEET SPRINGS	8112	MORGAN FRANKLIN TEXAS LIVINGSTON SALINE	7 5 1	38 26	93 02 91 04 91 40 93 17	700		7A 7A 7A 7A	H. KYLE VICKREY GEORGE J. HUSSMAN RUTH WALL JOHN W. GUILFORO H. F. NELSON	3 3 3 3 2 3	5
FISK FORSYTH FOUNTAIN GROVE HILDLIFE FRED RICKTOWN FREHONT TOWER	2881 2975 2995 3038	BUTLER	10 12 4	36 47	90 14 93 06 93 18 90 17	670	ss	7A FREO LOVELL 7A OTTO KENYON 55 MO COMS COMM 7A R. H. LESLIE 8A U.S. FOREST SERVICE	3 3 2 3 3 3	5		TARKIO TECUMSEH TOPAZ 4 NE TRENTON TROY	8289 8313 8412 8444	ATCHISON OZARK OCUGLAS GRUNDY LINCOLN	7 12 1 12 1 4 4	36 37 36 58 40 05	95 23 92 17 92 12	822	6P 5P	6P 7A 8A 7A	LESTER B. MORTON RAY H. HUNT EARL 1. MC MILLAN W. H. ESTES ROBERT L. NICHOLS	2 3 3 3 2 3 3	5 7
FUL ON 6 SH GALEMA SALLATIN 2 ME SEPALD GOWER 2 %	3094 3102 3178	CALLAMAY STONE 0491ES5 FRANKLIN CLINTON	14	38 24	93 28	- 1		BA F. E. HILLGARINER 7A HAROLO O. STEWART 7A FRANK H. HERSHBERGEI 6P EOWIN H. VEMMER 110 PAIRICIA W. GRIER	2 3 3 3 3 3	5		UNION 1 SE UNIONVILLE VALLEY PARK VAN BUREN VANQALIA	8523	FRANKLIN PUTNAM SAINT LOUIS CARTER AUGRAIN	2 4	38 33	93 00	-		7A 7A 7A 7A	CORNELIUS SIEGES GEORGE O. CHOATE FLOYO Y. GIBBS MERLE A. SMITH NAOMI K. STOUTZ	2 3 2 3 3 3 2 3	5 5 7 5
SPANT C TY GREENVILLE & NEW GREGORY LANDING GRUVESPRING	3369 3451 3463	NEWTON WORTH HAYNE CLARK WRIGHT	10	37 11	94 15 94 25 90 28 91 30 92 37	410	6P 5P	7A MILORED B. MATCHER 7A J. HOMER KORN 7A C. L. RUBOTTOM 7A ALBERT J. RUODICK 8A ROY W. MCNELEY	3 2 3 2 3 3 3	5		VANZANT 4 SE VERSATILLES VICHY CAA AP 2 NW WACO WAPPAPELLO OAM	8585 8603 8614 8664	OOUGLAS MORGAN MARIES JASPER WAYNE	12 7 3	36 56 38 26 38 08 37 14	92 16 92 51	1032 1125	5P M10	7A 5P MID 7A	C. O. SMITH GENE N. BARTRAM U.S. CIVIL AERO ADM LESTER O. SIGARS U.S ENGINEERS	3 2 3	5 5 7 5
MAILEY MANNIBAL MATER WORKS MARY SORVILLE MAZLEGREEN 2 M	3596 3601 3649	BARRY MARION MARION CASS LACLEDE	6 6 9	36 42 39 42 39 41 38 39 37 46	93 46 91 21 91 21 94 20 92 27	759 712 904	MIO M	6P WILLIAM MAOISON 7A GROVER C. VAN OYKE IID ROGER C. HIGGINS 7A J. B. PATTERSON 8A MELVIN R. GALLION	3 2 3 2 3 2 3	5	7	WARRENSBURG CENT T C WARRENTON 1 N WARSAW NO. 1 WARSAW NO. 2 WASOLA	8712 8725 8733 8738	JOHNSON WARREN BENTON BENTON OZARK	7 6 9	38 46 38 49 38 15 38 15	93 44 91 08 93 21	878 887 687	5P 5P 5P	8A 5P 7A 8A	CENTRAL T COLLEGE W. T. ZIMMERMAN DORA JOHNSON JOHN W. BURKE A. W. PINCKNEY	2 3 2 3 2 3 3 2 3	5 5 5 J
HERMANN MERW, TAGE MOUSTON JACKSON JEFF CITY RADIO KWOS	3799 4019 4226	GASCOMADE MICKORY TEXAS C GIRARDEAU COLE	9	38 42 37 56 37 20 37 23 38 35	91 27 93 19 93 58 89 40 92 12	- - 428 557	6P	7A JOSEPH MUNDERLICH 6P MAROLO E. CARLSTROM 6P THE HOUSTON HERALO 5P DANNY SIEBERT 7A KWOS RAOIO FARM	3 2 3 2 3 2 3 2 3	5 5 5		WAVERLY WAYNESVILLE 2 W WEBSTER GROVES WEINGARTEN WEST PLAINS	8768 8777 8791 8799 8880	LAFAYETTE PULASKI SAINT LOUIS ST GENEVIEVE HOWELL	7 3	39 12 37 49 38 35	93 31 92 14 90 22	- 805 507 833	7P	TP SP	JESSE J. FOOSE RALPH N. LANO THOMAS J. MC CAWLEY WILLIAM J. MILLER U.S. WEATHER BUREAU	2 3	5 5 5 5 7
JEFFERSON C TY JEPONE JOPL'IN CAA AP 4 N BANDAA KANSAS C TY WB AR	4291 4315 4349	COLE PHELPS JASPER CLARK CLAY	T 3 8 6 7	38 34 37 56 37 10 40 25 39 07	92 11 91 59 94 30 91 43 94 35	760 982 741	M OIM	TA ROBT R. MENOERSON 7A WALTER H. BROWN 10 U.S. CIVIL AERO AOM 8A WESLEY E. MAYOEN 10 U.S. WEATHER BUREAU	3 2 3 3 2 3	5	7 7	WILLIAMSVILLE WILLOW SPRINGS WINOSOR 3 NW ZALMA 5 E	8984 8995 9032	WAYNE		16 68	90 33			201	GEORGE W. JULIAN ALLEN FRAZEE LOGAN SUTHERLAND J. MONROE NULL	3 2 3 2 3 3	5
RANSAS C TY U OF E C REVTESVILLE & NE RIDGE E NE CITY E DECYTLE RADTO KIRK	4449 4481 4505 4544		2 4 7	39 27 39 41 40 03	94 35 92 52 94 06 94 31 92 35	908 - 1010 1095	60	6P UNIV OF K C 7A PERCY W. RYAN 7A SETM B. LOOK 6P JOHN M. MARTIN 6P OOW JONES	2 3 2 3 2 3	5 5 5		KENNETT RAGIO KBOA	4417			NE	w STATIC	)NS			RAO10 STA. NBOA	2 3	5
ALMASY: LE CAA AP 7 SSE BUSSENCONCAG LA BECLE LAKE IDE LAMAR	4625 4637 4694	ADAIR OPEGON LEHIS M. LLER BARTON	1 6	36 35	92 33 91 39 91 55 92 37 94 16	958	6P	TO U.S. CIVIL AERO ADM TA GENEVIEVE T. SMITH 8A JAMES M. FISHBACK TA W. S. FRAME TA MARIE MANN	2 3 2 3 2 3 2 3	5 5 5 6 5	7												
LAMPE FCREST SERVICE LATMOD 3 Se EBANDON 1 EME LEEPER LEAINGTON	4825	STONE CLINTON LACLEDE WAYNE LAFAYETTE	9	36 34 39 31 37 41 37 04 39 11	93 26 94 23 92 39 90 42 93 53	- 1080 1240 - 688	6P 6P 7A	7A ORLEY F. SCOTT 6P CECIL F. HAYS 7A BROOLE O. BARNETT 7A OPVILLE A. ROBERTS 7A WILLIAM H. CULLON	3 2 3 2 3 3 2 3	5 5													
LICE NG 4 M LIMEUS 2 S OCEWOOD LOUISJANA STARKS MUR. LOUISJANA	5027 5093	TEXAS LINH DADE PIKE PIKE	3 4 9 6	37 33 39 50 31 23 39 26 39 21	91 54 93 12 93 57 91 03 91 04	1277 835 1018 469	8A 6P 6P	TA ROBERT O. DAMSON 5P MERLE WADE 7A MUBERT A. NIEMAN 6P STAPK BROS. NURSERY 7A GEORGE A. GARNER	2 3 2 3 2 3 3	5 5 5													
LUCERNE MACEDONIA ECONOUT MACON MADISON MALDEN CAA AP 6 NW	5164 5175 5183	PUTNAM RIPLEY MACON MONROE DUNKLIN	1 2 6	40 2T 36 45 39 45 39 28	93 18 90 54 92 28 92 12 89 59	- 875	7A	9A D: A. BROWNING 6P POY C. ROBINETT 7A WOMN H ATWELL BA ENDS WOOD U.S. CIVIL AERO ADM	3 2 3 3 2 3	5	7 7												
DRA. NAGE CODE: 1 BLA	ICE 2	CHARITON :	3. G	SCONAC	E 4 C	CHAR	5. ME	RAMEC 67. MISSISSIPPI	7. MI	SSOUR	- 4	NEOSMO 9. OSAGE 10. SA	INT I	FRANCIS 11.	SAL IN	E 12	. SPRIN	5 13.	TARI	K10	IA. WHITE		

#### REFERENCE NOTES

The four digit identification numbere in the index number column of the Station Index are assigned on a state hasia. Thera will be no duplication of numbers within a state.

Figures and letters following the station name, such ae 12 S8W, indicate dietance in milea and direction from the poet offica.

Observation times given in the Station Index are in local standard time.

Delayed data and correctione will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June ieeue of this hulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to included in this image.

Unless otherwise indicated, dimencional units used in thic hulletin are: tomperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are hased on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Table 6.

Sleet and bail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Sureau and CAA stations. For these stations snow on ground values are at 0630 CST.
"WTR EQUIV" in Table 7 means the water equivalent of enow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more.

- No record in Tahles 3, 6, 7, and the Station Index. No record in Tahles 2 and 5 is indicated by no entry.

  And also on a later date or dates.

  Amount included in following measurement, time distribution unknown.

  Gage is equipped with a windshield.

  Adjusted to a full month.

  Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inchee of new amowfall.

  One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this etation, have heen adjusted to represent the value for the full month.

  Daily values and monthly total from recording gage.

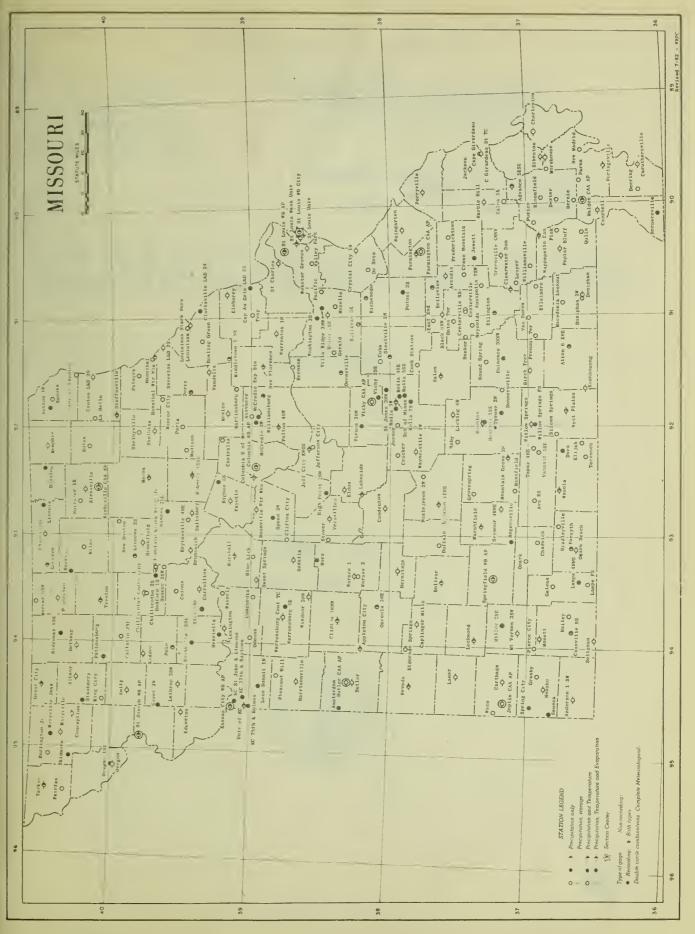
  Trace, an amount too emall to measure.

  Includes total for previous month.

  SS This entry in time of observation column in Station Index means observation made near sunset.

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WRPC, KANSAS CITY, MO., -- 5-20-53 -- 930





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## CLIMATOLOGICAL DATA

**MISSOURI** 

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APRIL 1953
Volume LVII No. 4





#### MISSOURI - APRIL 1953

H. F. Wahlgren, Section Director - Saint Louis

#### WEATHER SUMMARY

April averaged well below normal in temperature and slightly below normal in precipitation. The temperature departure was quite uniform over the State. The Southwestern Division had slightly more than normal precipitation, while the other divisions had less than normal.

The average temperature for the State was 51.6°, or 3.8° below normal. The highest mean temperature was 57.5° at Portageville, and the lowest mean was 45.7° at Memphis. Temperature extremes ranged from a high of 91° at Waynesville on the 22d to a low of 15° at Black 6 NW on the 19th. Below-normal temperatures prevailed for the first three weeks of the month, the coldest period being from the 15th to the 20th inclusive. On those days frost or freezing temperatures occurred each morning over the entire State. The last week of the month had near-normal temperatures.

The State average precipitation was 3.82 inches, a departure of 0.22 inch below normal. The greatest monthly total was 8.20 inches at Pleasant Hill, and the least was 1.45 inches at Sullivan 5 E. Most precipitation for the month fell on the 8th, 17-18th, 23-24th and 28-29th. There was a State average of 11 days with precipitation of .01 inch or more. Snowfall averaged 0.9 inch, nearly all of which fell on the 17-18th, as snow in the north and sleet and freezing rain in the south, particularly the southwest.

The low temperatures of the 15-20th retarded growth of small grains and pastures, and there was considerable frost damage to fruit and strawberries, especially in the Southwest Division where the season was farther advanced, and where the cold was accompanied by a heavy fall of sleet and freezing rain on the 17-18th.

The frequent rains delayed farm work, but it was still ahead of normal, due to more favorable conditions earlier in the year. Corn planting was well under way in the south by the end of the month. Soil moisture was quite adequate.

A severe hailstorm occurred at Jefferson City on the 8th, causing about \$140,000 damage. Greenhouses were hit particularly hard. On the 15th, strong winds over the State did light but widespread damage, the aggregate being estimated at slightly more than \$15,000. On the 18th a heavy fall of sleet and freezing rain over the west-central, southwest, and south-central portions of the State caused power and communications failures throughout the area. In some cases outages lasted 24 to 36 hours. Property damage was estimated at \$50,000, and crop damage was estimated at \$400,000. Most damage was to fruit and strawberries. Small grains also were affected, but the extent of damage is somewhat uncertain. Lightning struck a farm home near Lilbourn, New Madrid County, on the 18th. The home was burned and a woman lost her life as the result of the fire. Strong winds over the eastern part of the State caused widespread minor damage in the Saint Louis area on the 29th. No floods occurred during the month.--AJC

## SUPPLEMENTAL DATA

MISSOURI PRIL 1953

	Wind	lirection		Wind m.	speed p. h.		Relati	ve hum	idity ave			Numl	ber of d	ays with	precip	itation			to a
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6130A CST	12,30P CST	6:30P CST	Trace	9010.	.1049	5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover
COLUMBIA WB AP	WNW	15	13.5	57	NW	15	70	75	48	55	4	9	3	1	1	0	18	49	6.9
KANSAS CITY WB AP	WNW	12	12.4	61	W	15	69	75	53	52	10	5	3	1	1	0	20	54	6.9
ST. JOSEPH WB AP	WNW	13	13.9	61	NW	15	71	78	50	50	8	4	4	1	1	0	18	46	6.8
ST. LOUIS WB CITY	WNW	20 †	12.4	56	W	15	72 †	75 <b>†</b>	50 †	57 †	4	8	5	. 1	1	0	19	62	6.8
SPRINGFIELD WB AP	SSE	16	15.5	60	NW	15	79	83	60	61	4	3	2	4	2	0	15	52	6.1

† -- airport data

## COMPARATIVE DATA

Table 1																				
	7	emperatu	re	P	recipitatio	ов		Т	emperatu	Te .	P	recipitation	on		Te	emperatu	19	P	recipitatio	on
Year	Average	Highest	Lowert	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days Ol or more
1888 1889 1890 1891 1892	57.9 55.7 56.2 56.8 53.1	94 20 90 2 93 29 93 19 90 24		1.92 2.66 3.58 3.46 5.83	T .0	5 8 8 9	1913 1914 1915 1916 1917	56.2 55.2 61.9 53.5 53.2	94 91 96 93 89	25 18 18 21 19	3.32 3.14 2.12 3.32 5.95	T T T 1.9	7 8 7 10 12	1938 1939 1940 1941 1942	56.7 53.4 54.0 59.2 59.1	89 88 92 90 94	18 16 15 29 20	3.68 5.01 4.41 4.49 3.83	3.2 0.1 0.3 .0	10 10 11 10 9
1893 1894 1895 1896 1897	53.9 56.1 57.9 61.9 54.4	95 95 100 92 88	19 20 24 17 21	8.27 3.11 2.04 3.57 4.65	.0 T T	12 8 7 9	1918 1919 1920 1921 1922	50.8 55.3 50.2 56.0 57.3	93 94 89 91 91	19 20 4 19 24	5.33 3.03 3.82 5.36 6.41	0.9 T 4.8 7171 T	11, 9 11 10 11	1943 1944 1945 1946 1947	56.0 52.2 55.9 59.6 55.2	91 89 86 94 90	18 16 20 25 22	2.91 6.68 7.75 3.37 6.78	T .0 T .0	9 13 14 8 13
1898 1899 1900 1901 1902	52.5 54.0 56.7 53.3 53.9	90 96 89 94 95	14 6 21 24 19	3.64 3.80 3.50 2.96 2.82	3.8 0.7 1.8	10 8 9 8 11	1923 1924 1925 1926 1927	54.2 56.6 61.0 49.5 57.7	92 95 92 91 94	14 11 24 11 18	3.26 2.15 4.12 2.42 8.68	0.4 T .0 2.4 T	8 6 10 8 14	1948 1949 1950 1951 1952	60.6 54.3 51.5 51.6 54.3	91 90 92 93 97	22 21 15 19 20	1.81 1.65 3.67 3.05 3.73	.0 0.1 0.3 0.4	7 7 10 11 10
1903 1904 1905 1906 1907	55.9 49.0 54.9 59.5 48.7	91 84 92 93 89	26 19 20 22 16	3.37 5.63 3.09 2.42 3.33	1.2 2.7 0.3 .0	9 9 6 6 8	1928 1929 1930 1931 1932	51.6 57.4 59.1 54.8 57.6	88 96 96 90 95	16 27 23 22 22	4.86 6.15 2.02 2.96 2.58	0.2 .0 .0 T	8 12 8 9 8	1953	51.6	91	15	3.82	0.9	11
1908 1909 1910 1911 1912	56.6 54.8 54.8 53.5 56.0	90 93 97 91 89	18 19 21 20 24	5.89 4.72 3.58 4.93 6.08	7 7 0.9 7 0.7	11 8 11 10 10	1933 1934 1935 1936 1937	54.9 56.5 52.3 53.0 54.5	88 90 90 95 93	22 24 23 9 21	3.84 2.50 2.90 2.45 4.04	0.7 T 0.7 0.5 T	10 7 9 8 10							

AVERAGES FOR THE PERIOD 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

				Tem	pera	ure										I	recip	itation					
a		1		7					gi .		Т	Deye	4		Ta .	b		Snow.	Sleet, H	[all		of E	аув
Station	ige num	num num	<b>b</b>	Norm	T T		To		ье Баук	Ma		Min	-1		Departure From Norm	set Day			Depth		or More	or Morv	2
	Average	Average	Average	Departure From Norr	High	Date	Lowe	Date	Degre	90° of Above	35° er Below	Below	Below	Total	Depai	Greates	Date	Total	Max.	Date	010.	.50 0	1.00 or Mo
NORTHERN OIVISION													+										
ALBANY AMITY BETHANY BROOKFIELD BRUNSWICK	61.0 60.5 60.9 62.6 59.1	36.7 37.2 36.9 38.4 38.7	48.9 48.9 48.9 50.5 48.9	- 2.6 - 5.3	88 86 86 86 85	22 22 22	24 23 24	13+ 20 17 17 18	485 483 487 448	00000	0	10 13 10	00000	3.07 4.61 3.87 2.89	.28 .51 .58	.70 1.30 1.05 1.00	24 30 24 22	1.0 T 3.0 4.0	T T 1 3 3 3	17 17+ 18 17	11 11 13 8	3 4 1	0 1 1 1 1
CANTON L & D 20 CARROLLTON CHILLICOTHE RAOIO KCHI COLUMBIA WB AP R CONCEPTION	58.8 62.1 61.2 60.9 62.3	37.5 38.8 37.1 40.3 36.3	48.2 50.5 49.2 50.6 49.3	- 4.7 - 2.8 - 3.9 - 2.9	83 86 86 86 90	28	26 20	17+	498 444 480 435 480	0 0 0 0 1	00000	10 10 7	00000	2.62 3.98 2.75 2.86 2.77	14 47 94 .04	.63 .93 .86 1.09	24 24 24 8 24	1.5 1.3 .2 T	4 1 1 T 0	19 17 17 15+	11 13 11 14 8	23223	0 0 0 1 0
EOGERTON ELSBERRY FAYETTE FOUNTAIN GROVE WILOLIFE FULTON 4 SW	61.3 62.1 60.6 59.6	41.0 39.5 34.2 38.5	51.2 50.8 47.4 49.1	- 2.4 - 3.4 - 5.5	85 86 84 85	23 28 28 28 23+	26 22	19 18 13 19	435 522	0000	0000	7	0000	3.51 2.01 2.63 2.83	.46 -1.54 -1.18	.95 .51 .97	24 24 24 24	T T T	0 0 T	17	12 12 7 12	3 1 2 2	0 0 0 1
◆ GRANT CITY HANNIBAL WATER WORKS KANSAS CITY W8 AP R KIOOER KIRKSVILLE RADIO KIRX	59.5 59.4 60.5 59.7 58.3	36.2 38.9 41.3 37.1 35.1	47.9 49.2 50.9 48.4 46.7	- 4.3 - 4.2 - 4.9 - 3.8 - 5.2	88 84 89 85 84	22 22 22	25 28	19	508 474 431 501 548	60000	0	6 6 11	00000	3.56 1.98 3.29 2.82	.60 -1.21 32	1.00 .68 1.43	30 8 29 24	7 2.3 T	0 1 0 0	17	9 11 10	2 1 2 2	1 0 1
KIRKSVILLE CAA AP 7 S LATHROP 3 SW	56.9	35.2	46.1		83	22	22	17	566	0	0	14	0	2.67		.48	17	4.8	3	18	12	0	0
MACON MARYVILLE	62.3 57.5 57.9	39.3 37.4 34.4	50.8 47.5 46.2	- 3.2 - 5.6 - 4.6	85 83 85	23	27 24 19		424 561	0 0	0 1 0	8	0 0 0	2.74	92	.52	1 24	2.0 T	0 2 0	18	14 13	1 2	00
MEMPHIS MEXICO	56.2	35.1 39.3	45.7M 49.8	- 4.0	85 87	23 29		18 18		0	1	5	0	2.65 3.17	55 58	.44 1.08	12 24	7.0	5	18	13 13	0 2	0
MOBERLY RAOIO KNCM NEW FLORENCE OREGON	60.4	39.1 39.0 38.4	49.8 50.4 49.5	- 3.9	85 86 86	28 22 22	26	17 18+ 16+	457 447 471	0 0 0	0 0 0	8	000	3.43	66	1.32	24 30	.8 T	T 0	17+	16 7	3	1
PRINCETON ST CHARLES SAINT JOSEPH W8 AP R SALISBURY SAVERTON L & O 22	62.7 65.3 58.6 61.7 61.0	35.7 42.2 38.8 39.9 41.7	49.2 53.8M 48.7 50.8 51.4	- 1.8 - 5.8 - 3.4	87 89 86 85 86	22	30 26 27	13 18 20 17 17	470 368 493 430 410	00000	00000	8 6	00000	2.70 4.31 2.86 2.69 2.08	56 49 -2.61	1.07 2.18 1.06 .81 .57	24 24 29 24 24	T T 1.5	T 1 2	17 17 18	12 13 10 11 12	2 2 2 2	1 1 0 0
SHEL8INA STEFFENVILLE TARKIO TRENTON UNIONVILLE	61.0 60.2 61.9 61.0 56.2	38.0 37.8 36.2 38.9 36.4	49.5 49.0 49.1 50.0 46.3M	- 4.1 - 3.1 - 2.7 - 4.7	81 84 88 85 84	22 22 22 22 22 22	24 21 25	13+ 17 18 17 17	457 477 476 455 562	00000	00000	9 14 7	00000	2.81 3.32 2.15 3.24 3.05	94 26 -1.09 34 65	.57 1.22 .48 .89	24 1 30 30 1	2.0 7.0 T 2.8	2 6 0 2 T	18 18 18 17+	11 10 10 12 13	3 1 0 2 2	0 1 0 0 0
VANDALIA WARRENTON 1 N	65.2	40.5	52.9	- 1.9	86	28	27	18	386	0	ò	6		3.39	65	1.10	23	т	0		11	3	1
OIVISION			49.3	- 3.9										3.00	48			1.3					
SOUTHWESTERN OIVISION																						۱	
ANOERSON 1 SW APPLETON CITY BOLIVAR BOONVILLE WATER WKS BUTLER	67.9 63.5 64.0 58.7 64.7	38.0 39.8 41.6 39.3 41.0	53.0 51.7 52.8 49.0 52.9	- 3.7 - 4.4 - 3.5 - 4.9	87 84 85 85 86	22 22 22 29 29		16+ 16+ 18 18	376 407 377 278	00000	00000	9	00000	5.41 4.15 5.53 2.65 5.53	.72 .02 1.36 -1.22	1.40 1.28 1.21 .66 2.45	18+ 24 5 8 24	T .5 2.5 .0 .5	0 0 T 0	18	12 13 12 11 15	3 2 5 2 3	2 1 2 0 2
BUTLER CAA AP 2 N CAMOENTON CAPLINGER MILLS CARTHAGE CLINTON 1 NNW	60.5 66.1 64.7 64.0 60.4	39.4 40.4 40.0 41.5 38.6	50.0 53.3 52.4 52.8 49.5M	- 6.8	85		26 26 26	20 18 13+ 13	452 371 387 380		00000	7 8 7		5.07 5.21 3.21 4.53 3.18	38 99	2.15 1.61 .81 1.43	23 24 5 18 30	.2 4.0	T 4 T 0	18 18 18	12 13 15 8 12	2 3 2 4 2	1 0 1 0
ELOON HARR1SONVILLE HERMITAGE JEFF CITY KWOS JOPLIN CAA AP 4 N	63.8 62.4 64.4 63.7 62.3	40.5 38.9 36.4 39.9 42.0	52.2 50.7 50.4 51.8 52.2	- 3.2 - 3.2 - 4.2 - 6.3	87 86 87	22+ 22 22 22 22	23 21 28	18 20 13+ 13+ 18	399 428 438 407 395	0 0	00000	7 12 10	00000	3.36 8.17 4.11 2.94 4.85	80 4.79 -1.04	.84 2.68 1.02 .93 1.24	24 24 24 24 23	T .0	T 0 0 1 1	18 18 18	16 9 8 13	1 4 4 1 4	0 3 1 0 2
K C UNIV OF K C LAKESIOE LAMAR LEBANON 1 ENE LEXINGTON	63.1 62.5 63.6 63.9 59.3	40.1 38.6 39.4 40.0 39.4	51.6 50.6 51.5 52.0 49.4	- 5.0 - 4.8 - 5.1 - 3.5 - 5.2	87 84 87	22+ 23 23 22 22	26 25 24	17+ 19 16 19	416 404	00000	0 0 0 0 1	9 6 7		3.39 4.20 5.57 3.51	.41 32 1.22 29	.78 1.10 1.70 1.08	24 24 18 30	.0 2.0 1.1	0 2 0 3 T	18 18 18	12 9 11 13	2 4 4 2	0 1 3 1
LOCKWOOO MARSHALL MARSHFIELO MONETT	64.4	42.0 40.6 41.6	53.2 52.6 52.9M	- 3.3	82 87 86	28 22 23	20	18 19 13	361 384	0	0	8	0 00	4.61 5.25	.08	1.49	18	.3	T O	18	7	3	3
MOUNTAIN GROVE 2 N	65.4	41.8	53.6M	- 1.3	88	22	26	19	362	0	, 0		0	3.42	-1.10	1.42	18	.5	0		9	2	1
MOUNT VERNON 3 5W NEOSHO NEVAOA OZARK BEACH	62.4 67.0 65.7	40.3 40.7 42.0	51.4 53.9 53.9	- 4.7 - 4.4 - 1.8	83	22 22	24 27	13+ 20 16+	352 345	0	0 0 0	5	0 0 0	4.83 6.99 4.68	.38 2.43 .39	1.41 1.88 1.73	18 18 24	Т	2	18	12 10 11	4 4 3	1 4 2
SEOALIA	63.5	40.4	52.0	- 3.3	85	28	26	18	407	0	0	6	0	3.32	41	.71	1	Т	0		9	4	0

TABLE 2 CONTINUEL

TABLE 2 CONTINUED	Temperature No. of Day																					
				Tem	perali	ure								,	P	recip	Itation					
	İ			7						No				2	<b>*</b>		Snow.	Sleet, H	ail		of D	ays
Station	on a	eg.	95	Normal	10		_		е Бауя	Max.		Min.	-	Norm	ost Day			)epth		More	More	2
	Average	Average	Avera	Departure From Norz	Highe	Date	Lowes	Date	Degre	Above	Below 32° or	Below Below	Total	Departure From Normal	Greate	Date	Total	Max. Depth on Ground	Date	.01 or	.50 oc	1.00 or Mo
SELIGMAN SEYMOUR 4 NNE SPRINGFIELD #B AP R SWEET SPRINGS VERSAILLES	63.4 62.5 60.7 63.7 65.2	42.0 39.9 38.8 39.6	52.7M 50.3 51.3M 52.4M	- 3.9 - 5.2	83 86 85 88 87	22 22 22 22 22 22	26 27	16+ 18+ 13+ 19	384 443 444 388	0 0 0 0 0	0	5 C 7 C 9 C	3.74 5.83 3.09	.27 58 1.49	.99 1.10 1.75 .82 .50	24 18 23 30 24	.0 .4 T	0 1 1 2	18 17 17	9 9 11 12 15	3 4 6 3	0 1 2 0 0
WARRENSBURG CENT T C WARSAW NO 1 WASOLA WAYNESVILLE 2 W WINDSOR 3 NW	63.4 66.3 66.2 66.4 61.7	42.2 41.0 41.3 36.2 40.4	52.8 53.7M 53.8M 51.3 51.1	- 3.3 - 3.0	85 86 90 91 82	22	26 26 19	13+ 19	382 359 361 417 420	0 0 1 1 0	0 0 1	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4.21 3.31 6.11	1.33	1.53 1.28 1.42 2.52 .90	8 24 18 24 24	2.0 .0 6.0 T	T 0 2 0	18	10 11 8 12 11	3 2 2 3 4	2 1 1 2 0
DIVISION			52.0	- 3.9						,			4.47	.27			.8					
SOUTHEASTERN DIVISION																						
ADVANCE 5 ESE ARCADIA BIRCH TREE BLACK 6 NW CAMPBELL	66.5 66.2 67.9 66.8	40.2 39.0 39.2 33.2	53.4 52.6M 53.6M 50.0M		85 86 87	9 9	27 24 22 15	19 19 19	356 385 349 466	0 0 0		9 0	2.60	-1.19 -2.22 37 65	1.56 .48 2.40 1.48	29 5 18 18	T .0	0 0 0		9 7 7 13	2 0 3 2	2 0 1 1
CAPE GIRARDEAU MO 5T CARUTHERSVILLE CHARLESTON CLEARWATER DAM CRYSTAL CITY 1 N	66.0 69.1 67.5 69.7 64.9	43.5 45.5 44.6 41.6 40.7	54.8 57.3M 56.1 55.7 52.8M		84 84 85 90 88	9 9 9 9 22	30 29 27	19 19 19 19	321 261 291 303 379	0 0 0 1	0	3 (d) 3 (d) 7 (d) 5 (d)	5.20 3.88 3.72	.27 .68	1.57 2.20 1.19 1.58	29 30 29 18 18	.0 .0 .0	T 0 0 0	18	12 11 11 9 9	3 4 3 3	1 1 2 1 0
DONIPHAN FARMINGTON FARMINGTON CAA AP GREENVILLE 4 NNW HOUSTON	69.3 64.8 62.0 68.7	39.8 40.2 39.6 40.6	54.6 52.5 50.8 54.7	- 3.9 - 4.4 - 1.9	86 86 85 86	9 9 9	26	19 18+ 19 19	327 385 427 325	0 0 0	0 1	1 (8 (0 (9 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0	3.56	66 96 34	1.03 1.22 1.03 1.93	18 18 5 18	1.0 .7	0 1 7 0	18	11 9 12 9	2 2 2 4	1 1 1
JACK5ON KENNETT RADIO KBOA KD5HKDNDNG LICKING 4 N MALDEN CAA AP 4 NW	67.5 69.9 68.1 62.6 66.7	42.5 44.5 43.0 35.9 43.5	55.0 57.2 . 55.6 49.3 55.1	- 2.1 - 2.9 - 7.4	85 87 85 89 87	9 9 9+ 23 9+		19 19 19 19	315 263 301 316	0 0 0 0	0 0 0 1	4 (1 (5 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2 (2	5.04 4.82 3.44	.63 20 -1.24	1.92 1.83 1.60 1.43 1.60	18 29 18 18	T .0 T 1.2 .0	0 0 0 1 0	18	12 10 11 9	3 4 4 2 2	2 2 1 2 1
MARBLE HILL PERRYVILLE POPLAR BLUFF # PORTAGEVILLE ROLLA SCHOOL OF MINES	68.0 65.9 69.7 62.7	39.9 41.6 43.5 45.3 42.0	54.0 53.8 57.5 52.4	- 3.2	86 85 85 89	9 9 23	25 28 29 31 24	4+ 18+ 19 19 18	335 343 254	0 0 0 0	0	1 (6 (4 (4 (5 (5 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6	3.74 4.20 4.57	.65 31 2.99	1.86 1.15 1.17 1.86 5.08	18 30 30 29 24	.0 .0 4.5	0 0 0 5	18	9 7 10 10 6	4 4 3 3 3	2 2 2 1
SAINT LOUIS WB AP R SAINT LOUIS WB CITY R SAINT LOUIS UNIV SAINT LOUIS WASH U SALEM	62.1 61.9 62.9 62.4 62.0	42.0 43.6 44.0 43.5 38.8	52.1 52.8 53.5 53.0 50.4	- 3.5 - 3.7 - 2.2 - 3.3 - 5.6	87 89 89 88 87	9	30	18 18 18	403 385 371	0 0 0 0	0	5 (4 3 (3 0 (	3.49	50 52 71 85 72	1.52 .61 .76 1.24 1.20	23 11 24 24 18	1.0 .0 1.0	1 0 0 1	15+ 18	15 13 14 9	2 1 2 4 2	1 0 0 1 2
SIKESTON 51KESTON CROP EXP FARM UNION 1 SE VICHY CAA AP 2 NW WAPPAPELLO DAM	64.8 66.2 64.9 61.5 64.7	43.3 42.5 40.1 39.7 44.3	54.1 54.4 52.5 50.6 54.5	- 4.0 - 4.4 - 4.8	89	22	29 27 25	19 19 19 18	328 388 442		0 0 0	2 (4 (7 (6 (3 (6 (3 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4	4.21 3.95 3.54	28 41 -1.29	2.10 1.83 1.24 .91 1.32	30 29 24 11 18	T T 2.5 2.0	0 0	18	10 10 12 13 8	2 2 4 4 3	1 2 1 0 2
WEBSTER GROVES WEINGARTEN WEST PLAINS WILLOW SPRINGS	63.2 66.1 64.1 65.4	41.4 41.9 39.5 39.9	52.3M 54.0 51.8 52.7	- 5.2	89 86 87 88	9 9 22 22		18 18+ 19 19	394 352 405 380	0 0 0	0	5 (8 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0 (0	3.84	-1.43 -1.47	.75 1.20 1.18 1.50	8 18 17 17	T T .0	0 0 0		15 9 10 8	2 3 4 2	0 1 1 1
DIVISION			53.4	-3.6									4.07	36			.6					
STATE			51.6	- 3.8									3.82	22	<u> </u>		.9	ļ				

<sup>#</sup> DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AND STATE MEANS.

Toble 3	1 78												Do	y of m	onth					-							-	APF	1953
Stotion	Total	1	2	3	4 5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28 29 30	31
AOVANCE 5 ESE ALBANY	3.98			. 30		•45		.03		•06	.24 .08	.32 .15		. 27	.04		T •09	1.18	т					.08	.06			1.56 .0	¥
ALTON 6 ENE AMITY ANDFRSON 1 SW	4.61	.80		•30	. 80	.49	Т	.75	• 02	т	.01	.40		, • 0 3	.07	.03	т	1.60 T	т	т			1	.98	•35 •25	т		.10 1.3 .31 .0	0
ANNAPOLIS 7 SW APPLETON CITY	2.74	•01		• 08	.35	.42		.26	Т		.08	•47			.04		.04	1.24	•05				.16	.10	. 05 T	•02	7 1		
ARCADIA AUXVASSE AVA RANGER STA	2.60 2.83 5.02	1		•03	• 48 • 44	.81		•62			. 35 T	.12	.01	• 02	•05		.01	.46 .03	* 47 T				.02	. 36		.02		.37 .1 .2-	4
RELLEVIEW RERNIE	2.76	•03				•99	.16			.01		.27	.03		.11			1.02	•14 •05					• 15	.07			•1: 1•7:	9
RETHANY RIRCH TREF RLACK 6 NW	3.87 4.39 4.24	.65		•24	. 52	•62		•07		•06	.10	,23 T	.65		.18	• 02	.20	2.40	•••	т			.08	1.05 .36 .36	.55	.10		.06 .6	4
BLOOMFIELO BOLIVAR	4.21	•19 T		.05	1.21	.50	.12			•02	.33	.45			.05			1.07	. 05				1.10	•10	.03	7		1.6	3
ROONVILLE WATERWKS ROWLING GREEN	5.53 2.65 2.48	.48		•07	1921	.05		•66 •52			• >>	.20		T • 34	.04	.02 .03	•28	• 90					1.10	•55 •57 •94	.10	.20		.42 .5 .3	1
RROOKFIELO	2.89	-		-		-	_	.45		-	-	.27	-	.08	.12	-	.42	-	-	-		1.00	-	-	-	-	-	.14 .4	1
RUNSWICK IUFFALO IUNKFR	5.27			T T	Т	1.20		-				.23 .44 .31		•05	.03		Т	.20 1.02 1.34	.06	т			1	.63	.11	T •02	т	7 •10 •65 •51 •75 T •25	9
URLINGTON JUNCTION UTLER	3.28	.41		• 10	.20	•03		.14		•10	•13	•11		•03	•32		.06	.07					. 25 2	•10	.94			.27 1.0	5
UTLER AR CAA 2 N AMDENTON AMPRELL	5.07	T		• 05	• 18 • 79		T _	.30	_	_	• 29 • 35	.05	_	* 28 T	. 26 -		•09	•02	_	_		_	2.15		.08	Ţ		.08 .99 .1	4
ANTON L AND 0 20 APE GIRAROEAU MO ST	2.62	•30		•03 T	т	.70		.28	Ť	.06	•72	•20	.01		•22	.06	T T	•52		•01			Ţ	•63	•19	T • 03	Т	1.57 .2	
APE GIRAROEAU APLINGER MILLS	3.21			.13	.81	.53	.08	•07	т	•15	-11	•43	.01	•01	.04		.12	1.68	•07				.02	.24	•01	.01	•02	1.6 .29 .4	7
ARROLLTON ARTHAGE	3.98 4.53	•03		•30	•25			• 42			•13	•50	•11	• 04	.25	. 02	•23	1.43	'					.93	.15			•57 •9 •13	
ARUTHERSVILLE ASSVILLE RANGER STA ENTERVILLE	5.20 5.89 3.31	.01		.72	T 669	•69	*07 T		т	•13	Ť	•40 •28	Т		.03	Т		1.74 1.35	.15 T					.06 .88	.15	•02		•70 •00 •31	6
ENTERVILLE RANGER STA ENTRALIA	2.65	.20				.08		.65				.34		.04	.06	.05		.02	• 02					.70	.47	Т		.08	
HAOWICK HARLESTON HILLICOTHE 2 S	3.88 3.59	.60		.04	•01	•82 •53		•27		•02	• 12	•38 •20 •26		т	•03	т	T	1.52		т				. 80 . 53 . 76	•22	•02 T		*88 *2* 1*19 *1: T 1*2	8
HILLICOTHE RADIO KCHI LEARWATER DAM	2.75	T •12		.08		.48		•24		т	• 03	.72	Т	•04	.13		.03	1.58	.01					.86	.10		т	•18 •8 •5	4
LIFTON CITY LINTON 1 NNW	3.97	.66 .25		T •05		•20 •24		1.37				•23 •16		Į.	•10 •25			• 08		Т				.80 .45	.06	T • 05		.06 .4 .10 .9	0 :
DLOMA DLUMBIA WB AIRPORT R DNCEPTION	2.86 2.77	-30 T		•01	.07			1.09			•16 •30	.30 .05	.04	.05	.04		* <sup>04</sup>	* 34 T	T T				.85	. 74 . 22 . 79	.68 T	•04		.13 .0°	7
DNCOROIA DOK STATION	3.91	•38		.04		.03 .91		•52	!			•29 •65		• 03	.17			1.20						.85 .70	.05 .12	.04	- 1	.07 1.45	
RANE MOUNTAIN ROCKER RYSTAL CITY 1 N	3.12 5.04 3.05				.60	.08	.55	•15	•51		.38	.42 .44		т	• 02		•10	1.29 .87					.05 2	• 32	•01	T	.05	.5: .10	
UBA EERING	2.79	T •11		т	т	.68	.01	.08	Т	•11		.47	т		.07	т .		.80	•02					• 28	•07	۰06	т	T .2!	
E SOTO EXTER	3.93 4.10	.31			•10	•62 •44	.18		.51	•48	. 36	.60 .29	.30		.09		03	.83 .90 1.03	•17					• 73 • 10 • 46		•03	•06	.10 1.7	0
ONIPHAN 2 W	3.85	.30				-41	.14				• >0	•58	• 30		-14		•03	1.02	• 05					.36	.05			T .80	0:
AST END DGERTON OINA	2.98	.18		• 03		1.15	-	-45	-04	-	-	•75 •19	-	-	- 34	• 04	- T	•55	-29	•02	- 1	-	-	.33	- 38	T	- 15		6
LOON LOORAOO SPRINGS	3.36	• 02		•04	.74			.14			.19	•10		Т	.20		•15 •13	.45					.01		•09	•01		.17 .59	4
LIJAH LLINGTON LLSINORE	4.78 3.46	.20			•60	•72 •40 •47	.07			•50	.48	.65 .60					•90	1.36 1.30 1.43	•03					•18				• 3	7
LSRERRY	3.51	.53		.26	Т	•22 T		•67 -		_	т	•25		.04	•23			.10			- 1		•03	• 95	.43 .65			.07 .11	
ARMINGTON ARMINGTON AP CAA	3.56	T		т	1.03	•92		T •44			•37	.35	T	Т	т		.36	1.22 .81 T	*15 T	т			.10 .03	• 32	.05 .02	.08	Т	.44 .20	9
AYETTE ISK	4.58	• 17 • 53			•05	.44	.16	.44				.49		.03	•08		•02	1 - 15					.03	•51	.05	•01		•16 •23 1•38	В
ORSYTH OUNTAIN GROVE WILOLIFE REOERICKTOWN	2.63	.03	- :	T		•69	-	.48	-	т	*	•28 •45	-	•05	7			1.10	.03	-		-	-	•17	T .13	Ŧ	-	•35 •50 •70	0
REMONT TOWER ULTON 4 SW	2.83	.34		•05	Т	62		•58		•04		.64		• 02	.10			10	т					.40	.12	•02		•94 •26	5
ALENA ALLATIN 2 NE ERALO	6.05 3.27 4.70			• 26	.45	•96		•32			.24	.45 .34			•13 •05	.04	.07	2 • 10 T • 69					1	• 95	.42	•28 •06		.73 .21 .01 .81	3
RANRY RANT CITY	3.56	• 09		•59	. 72	.77				Т		1.03			•12	80.	Т	1.56		т			1	• 05 • 89	.06 .41			.30 1.00	1
REENVILLE 4 NNW REGORY LANDING ROVESPRING	4.36 2.28 4.96	.06		T T		•57 1•07		•17	.23	•17		•65 •12 •60			•03		т	1.93 .40 1.94	•02	т			•07	•18 •48 •63	•20	T T	• 35	•02 •20 •30	0
AILEY ANNIBAL	5.17	•46		.72	1.23			•18	. 65		.35	T •12	т		.08	.06		1.15		•03				.86	15 T		T	•71 T	
ANNIBAL WATERWORKS	1.98	.60	.03	•02		7		.68 1.40			• 09	.05		.04	•12 •16		•17	T	T				2	. 68	T .43	T •03	т	.17 .14 .05 2.45	5
AZLEGREEN 7 W ERMANN FRMITAGE	5.50 3.94 4.11	.36		•12	80.	.98 .33 .82		T •27	.61			•76 •24 •20		٥09	•07			.83 .16 .73	•06				.04 1	• 48	.16	.08		•10 •15 •14 •30 •65	4
OUSTON	4.97	-		-	<del>-</del>	- •75	-	-	-	- 03	- 28	-	-	-	- 05	-	-02	1.92	-	-	-	-	-	- 06	-	-	-	1.29 .16	5
EFF CITY KWOS EFFERSON CITY EROME	2.94 2.36 3.01	.56		•01	•03	.33		.37 .37				.24 .10	.01	Т	.18	Т		•26 •12 •22					1	•93 •07	.02 .01	•01	1	• 06 • 03	5
OPLIN AP CAA 4 N	4 . R5			.09	1.05		т		. 4.3		.48	•01		т			.64	• 90					1.24	т		,		.06 .03 T	
AMOKA ANSAS CITY WA ART R C UNIV OF K C	3.50	• 11		•05	Т		т	. 40 .55	*41 T		.38	•20 •01 •22	т	-	. 35 T		•03	- 43	т				.61 .15 1	.34	.33 T	Т		T 1.43 T	3
ENNETT PAGIO KBOA EYTFSVILLF 4 NE	5 • 04	-		-		•31 -	-	_	_	-37	- 15	-18	_	-	1.04	-		- 54	-	-			- 58	-	-	-,	- 1	1.83 .02	1
100FR ING CITY IRESVILLE PADIO FIRE	7.82	- - T		•17		-	-	•34 - •43	- 02	-	-	.19	-	- 12	·15 -	- 03	-	-	-	-	-	-	-	.73	.02	•02	-	- •98  •11 •52	
SHE STILLE AP CAA 7 SSE	2.67	•03	T	.04		.88	.19	.42		.21	•15	.05		. 26	.23		.48	1.60	Т		1		.01	• 45	·11	Т		.40 .15	
AMAD AMADELLE AMADELLE	2.56			T •06	.53	.40		.54 .27		101		.23	т		.33	. 19	.05	.65 .61						.35		.05	1	T .45	3
AMPE FOREST SERVICE	3.95			• 26	• 29						7	•16 •55			.02			.69						.73	•07			•15 •71 •75 •14	
ATHUOP 3 SH EBANON 1 ENF FEDER	5.57	.05		-		1.09	-	_	-	-	-	- 86	Ť	-	-02	-	-	1.70	.05	-			_ 1	• 72	.03	.02	-	20 .33	3
																								1					

## DAILY PRECIPITATION

Table 3-Continued	I - T		_	_										Day	y of m	- anth		- 4													MI III	
Stotion	Total	1	2	3	.4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
LERINGTON LICKING & N LINNE S 2 S LOCRINGOD LOUISIANA STARKS NUR	3.51 3.40 83.35 4.61	.44		.07			T 1.03 1.10		. 34 . 41 . 35			.09	.42 .37 .24 .42	.01	•02	.06 T	T E.30	.01	.11 1.43 1.49	т _	T T -				.63 .27 .63 1.07	.07 .19	•01	. 14		.26 .01	1.08 .04 .56 .15	
LOUISTANA LUCEPNE MACEDONIA LOCKOUT MACON MADISON	1.96 3.57 4.28 2.74			.06 .17	Т	.08	.58		.02 .10	.08		.11	.16 .95 .23	Т	.03 .15	.32 .08 .27	.05	T T	.01 T 1.37 .25	т	.02 T				.86 .71 .40 .20	.20 .41	•03			.03 .06 .63 .04	•15 •62 •13 •32	
MALDEN AP CAA 4 MW MANSFIELD MARSHALL MARSHALL MARSHALL	3.58 4.28; 5.14		-	•11 -	-	.23	.15 .75 .81	T -	-	T •06 −	-04	.68 -	7 •34 •67 -	-	• 04 -	.02 T _ T	-	• 05	.48 1.30 1.86 -	7 •08 •18	-	-	-	.11	•13 •76	.04	T •05 - T	-	-	1.60	T •52 1•36	
MARTINSBURG MARYVILLE MEMPHIS MEPCER 6 N#	2.67 3.05 2.65 3.22 3.17	•42		.08 .29 .10 .22	•01		.10		.47 .05 .35 .03	.03 T	•02	۰04	•18 •09 •44 •17		•04 •12	.02 .06 .43 .35	.05	T •21	.06 .25		T T			т	1.05 .83 .37 1.00	.05	.02 .05 .02 .04	•01		•52	•12 •45 •26 •56 •34	
MIDDLETOWN 5 NE MILAN MINERLY RADIO KYCM MONETT WOMERCE CITY	2.78	•14 •69 •26	•06	•12		.10	.96	.52	.55 .41 .48			.29	• 25		.09 .03	•30	•02	· 30	•02					.05	.89	.34 .01 .09			•30	.04 .67	•09 •41 •12 •05	
MOREHOUSE MO ELLE MO MATAIN GROVE 2 N MOUNT VERNON 3 S#	4.081 2.74 3.42' 4.83 6.99			T •23 •38		T .94 1.87	.52 .30 .60	т	т	.45		.02 .88 1.11	.74		.02	т		.14	1.08 .50 1.42 1.41 1.88	T •12	т			• 02 T	.16 .50 .38 .81	.03 .03 .09				1.53 .28 .20 .26	•33 •25 •23 •02	
NEVADA MEW ROSTON NEW SLOPENCE NOWN MAORID NOVINGER 1 E	4.68 2.82 3.43 4.47	·02	_	•11 •05	-	.70 .05	.09	•26	.13 .50 .80	_	_	•02	.20 .23 .18 .49	•24	•03	.10 .30 .02 .39	т	.08	.45 .45 .04 .64	т _	*03 T	_	_	.05	1.73 .53 1.32 .17	14 •13 •22	•03	_	ŗ	•15 •03 T	1.03 .37 .54 7.03	
DATES TOWER DOESSA DREGON DSCEDLA 3 ME DWENSYTLLE	2.93 2.63 5.37	.44	- -	- •32 •04		-	- •48	-	- •32 •02 •27	-	т -	-	- •30 •32 •27	-	-	- T T •14	T -	-	- •47 -	-	т т	·-	-	-	- .63 .42 2.12	- .10 .18 .10	- T	-	-	- .04 :11	1.10 1.09 .81	
OZARK OZARK REACH PACIFIC PALHYRA PARIS	5.23 3.64 2.84	.05	-	•22	-02	-18	.67 - .42	-	- •34 •54	-	-	-	.30 .85	-	- 02	.05	-	-	1.66 - .60 .27	<u>T</u>	- T	-	-	- 05	• 77 • 94 • 70	.13	T -	- •14 -	-	1.00	•75 •08 •24	
PARMA PERRYVILLE PIEPCE CITY PLEASANT HILL POLO	3.82 3.74 5.06 8.20 3.45	.29 T .25		• 27 • 11 • 07		.54	.29 .81 .52	•13	.65	.03 .06	т	• 0 2 T	.46 .55 .65 .30		т	.10 T		.05	.65 1.01 1.37	T *11					•19 T 1•05 3•17 1•14	• 35	T T	•08		• 30 T	1.71 1.15 7.58	
POPLAR BLUFF PORTAGEVILLE PRINCETON PUNICO DULIN	4.20 4.57 2.70 4.23 3.97	.32 .28 .42		•19			.47 .24 .43	.17 .08	•12	.04	.09	.11	.54 .21 .13 .69	1	•21	.08 .75 .12 .03			1.08 .61 1.22 .83	.07 T					.28 .35 1.07 .15		•02		1	1.86	1.17 .27 .50 1.26 1.33	
REYNOLDS RICHWOODS ROBY POLLA SCHOOL OF MINES ROUND SPPING	3.93 2.83 4.14 7.21 3.30	.06 .04 T		Т			.61 .65 1.10 .64		, 32 T	.04			.26 .43 .57 .46	т		•05 T			1.20 .63 1.51 .83 1.60	•15 T	т				1.41 .35 .41 5.08	.10	*02	• 05 T T		*13 T	.45 .10 .26 .05	
SAINT CHARLES SAINT JOSEPH #8 AP P SAINT LOUIS #8 AP 12 N# R SAINT LOUIS #8 CITY R SAINT LOUIS UNIV	4.31 2.86 3.43 3.49 3.15	•23 •01 T	•13	.02 .01	•02	*24 *36 *17	.28 T T	т	.11 .37 .49	•60 T	-	.33 .52 .61	.43 .03 .03	.05	.03 .06 T T	.02 .05 .01 .06		T •24 •29 •12	.30 .04 .06 .24	T T T T				.26 1.52 .49	+22	•14 •01 •02 T	T T T • 03		T,	1.06 .03 .29	.04 T .11 .45	
SATAT LOUIS #ASH U SALE# SALISAURY SAVEP*ON L AND D 22 SEOALIA	4.11 3.78 2.69 2.08 3.32	.03		•06			.33 1.08 T		.62 .52 .32 .62	.14		.08	.74 .36 .26	т	•03	.03 .19 .05	T •08	•23	.40 1.20	• 26 T	•02			т	1.24 .43 .81 .57	.09 T	•05 •15	т		. 13	.20 .09 .35 .20	
SELIGMAN SEYMOUR 4 TONE SHELRINA SHELRYVILLE SIKESTON	4.33 3.74 2.81 2.39 4.34	.38		• 28 • 05 • 02 • 05	т	•65 •69	.49 .02	T •17	.53 .40		•01	• 23	.29 T .14 .20	т	.08	.30 .44	.03	.33 .Y .15	.95 1.10 .15	T •05				.10	•99 •63 •57 •63 •21	.15 T .05		Т		.49 .59 T	.04 .56 .52 2.10	
SIKESTOM CROP EXP FARM SILOAM SPRINGS SPRINGFIELD #9 APT P STEELVILLE 2 N STEFFENVILLE		T - 1.22	•01	•06 •11	-	.03	.47 .73 T		T • 34	•10	Т	•11	.16 .51 T .43		т	.05 .02 .19		•02	1.10 2.10 1.00 .83 .45	•05				1.75	•23 •42 •05 •30 •47		⊤ •05		*18 T	1.83 .27 .54 .09	•21 •21 •01 •12 •22	
STOVEP SULLIVAN 5 E SUMMERSVILLE SUMMER 2 5 # SMEEF SPRINGS	3.52 1.45 3.06 3.14 3.09	. 09		т	Т	•03	.39 .20 .69		.20 .13	.12		.04	•14 •35 •29	.31 T	.06	.18 .03		T •0.7	.28 .10 1.46 .35	•13 T	T T			.14	1.03 .32 .39 .80 .67	.05 .07	• 05 T	• 03		.10 T .04	.86 .04 .17 .65	
TARK 10 TECUMSEM 2 N TOPA2 & NE TRENTON TROY	2.15 4.18 3.18 3.24 4.01	.02	•05	.37 .08	•08	.06 .12	.44	Т	.15 .07	.13	т	Т	7 .74 .22 .27		.16	.05	Ť	.06	1.68 1.42 .21	Т				T	•30 •55 •35 •76 1•50	-13	•07 •01 •02	т		.36 .25	.48 .11 .20 .89	
UNION 1 SE UNIONVILLE VALLEY PARK VAN RUPEN VANOALIA	3.95 3.05 3.56 3.52	.50	т —	-11	T	-	.40 .28 .40	-	.55 .15 .56	.03	•07	-	.90 .26 .77	.03	T _	.03 .38 .07	.06	т -	.50 T .44 2.05	T • 0 7	T •03	-	-	- 02	1.24 .43 .83	.27	.05 .08 .04	•Ø3 •08	. 35	-04	.02 .67 .12 .30	
VANZANT 4 SE VEPSA LLES VICHY AP CAA 2 NH BACO WAPPAPELLO DAM	3.45 3.45 3.54 5.73 4.19	.13 .01		• 03		.42 .64 1.21	.25	.16	•17 •13		т	.16 .91 .07	.76 .15 .06 .25		т	.03	.08	•22 •26	1.62 .02 .22 1.05 1.32	T T				.45 .66	.42 .50 .55 1.97	•08 T	.09 .01			.08	.25 .48 T .57	
WARRENSBURG CENT T C WARRENTON 1 N WARSAW NO 1 WARSAW NO 2 WASOLA	4.99 3.39 4.21 4.67 3.31	.45 .07 .12		T •10 •08 •09		.23	.33 .34		1.53 .72 .34 .33			.04	.41 .10 .23 .23		•12	.04 .05 .18		Т	.04 .40 .33 1.42	Т				1.10	.59 .54 1.28 1.59	.16	.06 T				1.47 .25 .79 .87 .18	
WAVERLY WAYMESVILLE 2 W WEBSTER GROVES WEINGAPTEN WES7 PLAINS	3.76 6.11 3.47 3.84 4.22	.30	T	*07 T *02		.66 .30 .40	.17 .17 .55		.48 T .75	.10		.36 .29 .10	.35		.04 T .02	.09 .05 .07	Т	.05	.06 1.60 .34 1.20	т	Т			T T	.88 2.52 .59		.01 .02 .09			7 •11 •13 •67 •18	• 19	
WILLIAMSVILLE WILLOW SPRINGS WENDSOR 3 NW ZALMA 5 E	3.37	.20 .68 .13		.02			.45 .78 .19	•13 •08	.60		.26		•86 •30 •31 •52			.12 .05			1.60 .05 .14 1.77	.03	т				.37 .38 .90		Ť	.04		T •14 •31	.89 .13 .80	

Table 5									ע	AI	ΓX	Τ.	LIV.	IPE	LKA	XI.	U	HID	5												APR	L 1953
Station				,												Day	Of	Mon	th													9 0 0 0
		1	.2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Avei
ADVANCE 5ESE	MAX	67 49	58 37	56 36	68 30	57 35	50 41	63 33	81 50	85 53	80 40	59 36	49 41	61 32	67 31	66 39	60 32	65 30	47 30	53 27	57 29	68 30	80 43	80 57	75 58	79 54	64 41	68 35	81 48	74 53	77 55	66.5
ALSANY	MAX	55 39	61 29	56 33	59 32	59 31	61 26	56 36	62 47	60 42	52 36	46 31	49 31	55 24	58 43	49 33	58 27	55 24	45 26	43 28	59 25	75 38	88 51	82 51	70 56	60 40	53 38	65 29	84 48	77 55	69 52	61.0
AMITY	MAX MIN	54 39	62 36	57 32	60 32	55 34	60 29	55 38	63 46	62 44	48 34	48 33	49 31	62 28	57 42	54 34	57 26	55 25	46 25	45 26	58 24	75 36	86 52	82 51	67 56	57 38	54 37	64 34	82 47	75 57	66 50	60.5
ANGERSON 1 SW	MAX MIN	61 41	73 29	71 39	67 25	54 41	56 44	62 33	82 55	82 45	70 36	57 41	47 38	63 22	68 32	64 39	63 21	62 33	47	53 21	56 21	77 28	87 50	83 61	74 52	69 39	76 29	79 60	76 29	75 57	72 50	67.9 38.0
APPLETON CITY	MAX MIN	56 42	59 32	57 37	66 30	62 41	60 38	57 38	75 50	76 52	56 38	55 39	48 36	63 28	62 40	58 40	60 26	55 27	56 27	50 29	56 26	75 37	84 52	76 64	71 46	54 46	57 40	73 32	82 53	77 57	70 52	63.5
ARCAO IA	MAX MIN	55 45	64 49	5 9 35	65 25	62 32	54 40	65 29	78 50	<b>86</b>	80 41	60 33	45 38	60 31	68 29	65 47	60 31	60 36	45 27	47 24	56 29	68 28	83 46	82 61	76	70 48	64 38	70 32	83 46	80 55	76 56	66.2
BETHANY	MAX	63 39	60 30	57 33	59 33	56 30	59 26	58 40	62 46	59 46	52 36	48 31	49 30	63 25	55 46	49 32	56 26	54 23	46 26	44 26	5 8 25	75 36	86 49	85 50	74 55	62 40	52	63	80	80 58	63 52	60.9
BIRCH TREE	MAX MIN	76 45	78 44	73 41	65 24	65 35	53 41	63 29						60 25	66 33	60 47	61 29	63 36	56 28	54 22	55 28	70 27	84 49	81 58	77 57	70 50	67 42	69	80 49	75 58	76 56	67.9
BLACK 6NW	MAX	75 43	65 31	65 39	65	<b>6</b> 2 29	53	79 27	87	82	57 28	48 35	60	58 32	66 25	62	60	65 24	42	47	56 22	72 20	80	84	77 59	69	56	71	84	80	76 55	66.8
80L IVAR	MAX MIN	63 42	67 34	66 37	63 35	59 43	54	60 37	77 55	79	60	53	46 3 <b>6</b>	5·9 30	63 42	60	59 27	5 7 3 6	41	48	53 29	73 36	85 54	82 62	71 56	66	53	72	82	78 55	71 53	64.0
BOONVILLE WATERWKS	MAX MIN	56 41	46	60	54 37	<b>60</b> 38	46	55 37	57 37	72 49	77	54	48	48	60	62	45	58 31	36 26	43	45 29	51	72 44	83	73 57	73 50	53	50	66	85 56	72 55	58.7
BROOKFIELD	MAX	50	61	60	62	57	61	59	70	69	56 39	53 35	51	61	59 41	52	57	55	45 27	45	58	71	8 <b>6</b> 53	85 54	73	65	49	67	85	83	72	62.6
BRUNSWICK .	MAX	52	50	61	54 34	60. 37	50	59 38	60	72 48	74 39	54 36	47	48	61	58	45	58	34	45	45	56 34	72 50	85 56	76 58	70	51 39	52	66	85	72 55	59.1
BUTLER	MAX MIN	55 42	68	66	66	62	59	57 41	74 52	73 51	56 38	54 38	48	64	65	62	61 27	59 29	49	50	58 26	76 40	86 55	80 63	72	63	58	73	81	76 58	70 53	64.7
BUTLER AP CAA 2N	MAX MIN	54	65	56	64	47 40	56	55	73 50	72	55 37	43 36	47	61	59 41	51	58 28	47 27	46	50 29	56 26	74	85 56	74 59	68	54	57 39	72	78 54	70 53	68	60.5
CAMOENTON	MAX	45	73	67	64	63	63	64	75	82	67	57	47	61	68	62	59	58	45	45	56	75	88	84	74	73	48	74	88	84	74	66.1
CAMPBELL	MAX MIN	. 22	32	38	32	40	39	35	40	53	40	40	38	29	41	43	28	35	26	27	29	38	54	63	54	48	39	35	52	57	51	40.4
CANTON L AND 0 2	MAX	45	55 32	54 38	56 35	51 29	56	55 35	70 44	78	55	49 31	50	51 28	58	55 35	56 30	51 24	43	43 28	55 29	68	83 48	79 48	74 53	62	45 37	59	68	70 50	71	58.8
CAPE GIRARDEAU MO ST	MAX	65	55	54	65 34	61	52	<b>6</b> 4	80 51	84	80	60	48	59	67	65	59 33	65	50	52	55	66	78	78	74	77	68	65	81	77	75	37.5 66.0
CAPLINGER MILLS	MAX	60	68	64	65	61	57	58	76	80	57	54	47	35 62	62	61	60	59	45	50	56	73	83	80	74	56	57	75	53 82	78	56 72	64.7
CARROLLTON	MAX	50	30 61	57	28 63	39 53	57	57	72	67	38 56	50	48	63	56	55	59	34 56	45	26 47	58	73	53 86	80	70	65	53	67	53 86	79	73	62+1
CARTHAGE	MIN	41 53	30 69	67	32 62	36 60	32 53	35 57	48 79	79	38 59	36 53	36	61	63	61	61	60	43	29 51	28 55	74	52 85	80	73	69	39 55	74	76	58	70	38.8
CARUTHERSVILLE	MIN	67	31 59	62	32 65	63	59	35 64	83	84	39 83	39 60	54	26 59	70	69	64	71	71	29 56	29 54	38 66	78	83	80	50 75	39 75	66	81	58 79	74	69.1
CHARLESTON	MIN MAX	49 67	48 58	57	35 67	42 60	52	66	52 83	85	77	61	50	37 61	38 68	67	35 61	40 68	60	30 49	33 56	36 68	53 81		77	59 78	67	38 68	.83	76	56 72	67.5
CHILLICOTHE RADIO KCHI	MIN	48	59	39	34 59	40 59	58	39 57	52 68	67	48	43 53	45	34 60	36 58	51	32 58	38 56	33	29	31 56	36 72	83	63 82	72	58 66	45 53	53	53 86	56 82	57	61.2
CLEARWATER DAM	MIN	40 75	32 66	65	33 68	35 66	53	35 65	47 84	90	37 84	34 63	34	25 62	45 68	66	20 64	25 67	28 56	25 51	28 57	70	58 84	50 83	78	36 75	39 67	74	37 83	58 79	54 79	37 • 1 69 • 7
CLINTON INNW	MIN	63	42	37	29 55	35 45	57	33 58	54 73	74	42 75	38 55	42	32 48	33 61	61	33 52	36 58	37	50	31 48	29	45 72	59 83	58 74	53 71	41 53	55	50 72	56 8?	56 <b>6</b> 9	60.4
COLUMBIA WE AIRPORT	MIN	32 46	30 59	37 56	28 61	38 47	57	42 58	50 75	80	39 56	39 49	37 50	25 59	33	52	26 58	34 47			25 55	72	49 85		75	43 56	41 50	30 65	86	58 72	73	38.6
CONCEPTION	MIN		32 59		35 58		63	39 67		63	41 50	38	35		42	35	30 54	28		29		39 79			56 74	45 63	38	36 62		56 87		62.3
CRYSTAL CITY IN	MIN	38 71	36 57		32 60	31 64	56	37 55		78		33	30	30 48	41 6,0	33	60		23	24 47	24 58	37 72	53 88		53 81	38 71	36 59	34 67	4 3 8 5	54 81		36.3
DONIPHAN	MIN	46	37	40	42 69	32	34 52	42 66	31 85	47	79	42 63	40	39		39	33	35	28	20	29	35,	53	55	75		39	35 72	50	55 73	56	69.3
EDGERTON	MIN		41		28			30		52		38			31		32	31			29			57			45	29		56		. 39.8
ELDON	MIN		63			54	56	62	77	81		53			66			55			55			82			51			82		63.8
ELSBERRY	MIN	59	35 58	57	60		50	36 56	58	71	39 84	38 56	53		39 56	65	56	30 56	39	44		57		85	82	80	38 64	50	65	59 83	68	61.3
FARMINGTON	MIN	66	39 59	57	35 63	58	54	31 62	74	86	80	36 56	38 47	59	67	61	59	35 65	41	45	32 55	69	84	76	77	70	39 54	69	82	63 74	76	64.8
FARMINGTON AP CAA	MAX	53	39 59	56	63	46	53	62	31 75	85	59		38 45		35 66		58	37 64	40	46	29 54	67		74	76	70	38 46	68		69	75	62.0
FAYETTE	MIN	49	39 60	55		52		31 59	73		55	51	49	60		57	57	32 57	44	45	56		83	78	75	65	38 52		86	81	72	39.6
FOUNTAIN GROVE WILOLIFE	MIN	52	32 61	60	60		60	37 59	69	68	54	36 54	48	58	40 53	46	29 55	27	26		2 7 5 5	- 1			73	61		33 65		58 81		39.5
FULTON 45W	MIN	61	46	61	33 55	60	46	31	59	75	33	55	50	49	38	62	25	23 56	23	43	27	54	72	85		75		48	65	54 85	72	34·2 59·6
	MIN	42	31	37	33	37	39	35	38	47	38	37	37	29	33	43	29	32	27	22	27	32										38.5

Table 5 - Continued		1			,				D	AI	LY	Ti	ĽМ	IPŁ	HA	XT.	Ul	TE.	5													IL 1953
Station											1					Day	Ol	Mont	th													Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 3	1 &
GRANT CITY	MAX	60 46	60 40	54 32	58 34	54 30	31	55 36	60 45	58 40	51 34	44 32	48 30	64 28	61 40	48	58 26	39 26	46 23	41 24	60 24	75 36	88 37	79 49	75 55	56 38	53 37	65 32	78 45	70 50	68 52	59.5 36.2
GREENVILLE 4 NNW	MAX	70 50	67	62 36	68 26	65 34	53 44	65 30	83 50	86	8 2 4 3	64 35	47 43	63 29	68 30	65	63 35	66 32	57 32	52 24	59 32	69 29	81 40	81 55	77 60	71 48	64 43	72 36	83 50	78 56	80 59	68.7
HANNIBAL WATERWORKS	MAX	45 39	56 34	56 38	58 35	50 36	58 33	57 38	70 45	81	55 40	48 37	50 37	52 30	61 40	5.2 34	56 30	40 25	42 26	43 29	56 29	69 38	84 52	80 57	75 55	58 42	44 37	63 34	75 48	76 54	72 51	59.4 38.9
MARR ISONVILLE	MAX	52	63	59	59	57 36	65	57	72 46	70	55 36	50 36	49	63 29	60 41	56 39	59	55 25	49 25	48 25	57 23	75 38	87 51	78 56	70 53	59 42	58 38	70 35	78 53	74 54	68 51	62.4
HERM I TAGE	MAX	56 41	6 9 2 5	67 35	64	63 35	59	61 29	77 51	80	56 38	53 33	48	61	63 31	62	59 24	57	45 25	47 21	55 23	73	86 42	78 62	72 53	67	53 39	72	84	74 54	72 51	64 • 4
HOUSTON	MAX																								-							
JACKSON	MAX	68	58 45	50 39	67 28	59 36	54 43	67 35	81 50	85 54	80 42	62 36	61	56 42	69 35	55 47	61 34	67 37	49	50 27	57 31	67	79 46	77 61	75 60	78 56	71 42	68 34	82 54	78 55	77 57	67.5
JEFF CITY KWOS	MAX	55 43	62 31	58 38	63 32	56 34	58 39	60 32	78 48	83	56 41	51 41	49	61 28	65 38	59 36	58 30	55 31	43 28	46 28	55 29	74 38	87 46	78 57	76 58	65 47	50 39	67	87 52	80 60	75 54	63.7
JOPLIN AP CAA 4N	MAX	54	71 36	54	65 38	50. 44.	52 41	59 40	77 57	77	55 39	46 38	47	61 31	64	55	62 29	60	44 28	51 31	55 29	73	84 61	77 59	71 55	56 44	57	75 39	77	69 58	70 53	62.3
KANSAS CITY WE APT	MAX	54	63	54 36	64 39	49 39	57 37	54 45	71 47	56 43	54 37	42 35	45	63 32	59 47	55	60 30	49	47 31	47	58 29	78 46	89 <b>5</b> 7	76 59	70 54	54 43	58	72 40	83 55	69 54	66 54	60 • 5
K C UNIV OF K C	MAX	54	63	62	64 32	52 39	58 35	54 42	70 46	63	54 36	50	47	65 28	59 41	58	60 28	59 27	47 30	49	58 27	78	89 53	89 60	70 55	69 41	56 39	71	83 55	75 55	68 52	63+1
KENNETT RADIO KBOA	MAX	67	61	62	67	65	54	65	84	87	84	65	53	62	70	73	61	66	65	56 31	57	68	81	85 61	81	77	73	69	82 54	78 45	78 58	69.9
KIDDER	MAX	52 35	61	55	58 34	53	58	56 45	65	57	52 34	46	48	62	55 38	53	57 25	52	45	45	57	75 53	85 52	78 56	68	55 36	53	65	83 56	76 51	65 45	59.7 37.1
KIRKSVILLE RADIO KIRX	MAX	47	59	53	57	54	58	56 32	69	60	52 36	47	46	56 25	56 34	46	55	51	42	43	56 26	70	84	79 45	71	60	45	63	74	69	70 53	58.3 35.1
KIRKSVILLE AP CAA 755E	MAX	47	59	52	56 33	47	58	56	67	62	52 36	45	46	55 25	55	48	54	35 22	42	42	56 27	69	83 55	78 48	70	51 39	46	62	76 46	69 51	70 46	56.9
KOSHKONONG	MAX	75	68	68	66	66	51	64	83	85	85	64	49	59	63	63	57 31	61	61	49	57	73	82 48	82 61	80	66	65	72	78 50	78 58	74 57	68.1
LAKES10E	MAX	71	47	65	57	65	47	59 31	65	78	82	58	50	49	62	67	52 32	60	45	44 26	48	56	75 46	87 52	75 54	74· 52	58	54	73 35	85 59	68	62.5
LAMAR	MAX	72	53	79	59	65	58	53	59 42	77	80 37	68	47	48	62	64	56 25	62	48	44 27	52 27	55	74 46	84 62	76 55	72	57	59	75	80 57	70 51	63.6
LATHROP 35W	MAX			-		7.		30	72		,,	70	30	20	,,,			3,		- '	21		40	OZ.		4,5	40			,,	,,	3514
LEBANON 1 ENE	MAX	63	67 30	63	64	54	54	62	78 49	81	59 39	53 38	46 36	60 28	63	58	60 26	54 36	39 25	46 24	55 26	73	87 50	80 64	73 55	70 45	51 39	72 33	83 52	76 56	73 55	63.9
LEXINGTON	MAX	56 41	<b>5</b> 2	63 37	55 37	62 38	49	60 35	57 43	70	62 37	55 38	43	48	61	56	45 28	60 31	32 26	47 29	46 27'	58 32	76 48	88 57	77	72 47	47 38	55 38	71 45	85 57	70 53	59.3
LICKING 4N	MAX	76 38	48	69	55 23	64	46	55 26	64 42	81	85 36	58	51	45	58	64	53 25	60	64	39	45 25	54 28	75 46	89 50	80 53	73 47	62	48	71 45	82	65 56	62.6
FOCKMOOD	MAX	63	72	59	65	57	53	58	79	<b>7</b> 9	58 38	49	47	62	64	60	61	54 36	44	48	70 35	75 52	. 78 62	79 56	78 55	62	58	75 39	82	73 56	70 53	64.4
LOUISIANA STARKS N	MAX	52	59	56	59 37	58	60	60	70	82	62	54 42	49	57	62	61	55 31	54 28	44 27	41 29	56 30	70	85 44	82 51	77	66	47	65	83 49	75 56	69	62.3
MACON	MAX	47	47	58	55 36	55 33	48	58 33	56 38	70	75 39	55 35	48	48	58	58	44 29	54 30	31	43	45 28	56 32	70	83	78 56	73 47	51 38	46	63	80 51	71 55	57.5
MALDEN AP CAA 4NW	MAX	63	59	62	67	61	52	65 37	84	87	67	54	50		70 36	68	60	69	46	5 5 30	57	69	81	84 61	72 59	78 52	56 42	68	84	71 53	79 57	66.7
MARBLE HILL	MAX	68	61	58	69	66	54	65	81	86	81	66	49	62	68	67		66	46	53	58	68	80	80 55	77	77		70	81	76 54	78	68.0
MARSHALL	MAX	49	~~	33	23	32	* 2	30	47	30	40	,,	42	29	29	40	,,,	32	30	25	30	20	42	22	29	72	42	22	50	24	,,	39.9
MAR5MF1ELO	MIN		66			61						55					58				52			83			49			76		64 . 5
MARYVILLE	MIN	56	57	52	57	54	56	51		58	49	40	48	62	55	46	55	52	46	40	56	75		76		56	52		79	72	64	57.9
MEMPH1S	MIN	46	32 46	60	53	56		37 61		68		52	46	48	39 53	58	45	55		43	43	57	71	51 85	81	70		45	63	70	70	34.4
MEX1CO	MIN	56	31 47	60	57		51	34 57		75	81	34 56	50	52	59		29 45	25 57	35	43	27	57	73	48 85	53 80	75		47		87		35.1
MOSERLY RADIO ENCH	MIN	48	33 57	52	58	35 54		34 56	72	76	53	36 48	37 48	58	57	52		33 52	44	45	28	71	82	58 79	75	.60	37 48	33 64	85	59 78	72	39.3
MONETT	MAX	74	32 51	70	34 55	34	35	35 63		79	40 79	35 58	35 48		61	64		26 63	60	49	50	58	55 75	55 86	<b>5</b> 7		37 71	33 58	75	57 79	63	39.1
MOUNTAIN GROVE 2N	MIN	73	30 66	64	63	36 62	53	34 60		83			41	58	62		59	41 58	43	47	27 53		58 88	65 83		68	51	32 69		58 76	73	65.4
MOUNT VERNON 35W	MIN	55	31 68	64		42 59	51		78	78		40 52	37		52	46 58	60		41	50	28		51 83	61 77	70		40 54		77	57 65	70	62.4
NEOSMO	MIN	61	30 74	38 72	29 67	63	55	34 60	54 81	52	37 70		36. 47	64	66	62	27		26		27 57		54 87	60 83	55 74	49 73		32 76	79	54 75	71	67.0
MEVADA	MIN	42	29	39	29	61	56	34		50	37		37	26		40	25		28	25	24 59	34	58	65	54	49	39	33	62	58 77	52	40.7
NEW FLORENCE	MIN MAX	42	36	37		4 4	39	39	52	52	38		37	31	43	44	27	33	27	31	28	39	58	66	55	49	41	38	49	58 78	52	61.7
	MIN	41	33	37	32	36	39	36	44	50	39				40	33	29	29	26	26	26	35	51									39.0

Table 5-Continued		_														Darr	01	Merc	<u> </u>					_							Menti	1953
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Of 16		18	19	20	21	22	23	24	25	26	27	28	29	30 31	Avecage
OREGON	MAX	57 39	62 40	54 31	60 34	52 35	64	54 41	65 45	62 40	50 33	45 35	49 31	63	60 45	51 35	59 25	57 25	44		58 25	77 43	86 54	79 55	66 55	55 38	54 38	68	84	72 54	64 50	60.5
OZARK BEACH	MAX																															
PERRYVILLE	MAX MIN	70 47	54 41	55 36	<b>64</b> 29	63 33	55 41	63 32	76 49	85 52	77 42	60 34	47	58 34	66 35	64	59 52	66 40	43	47 28	56 30	68 32	81 45	78 63	77 50	75 51	65	68	81 52	80 54	76 56	65.9
POPLAR BLUFF	MAX		45	39	30	38	44	37	55	58	42	42	44	34	34	48	34	34	34	29	32	32	46	63	60	57	47	34	50	64	56	43.5
PORTAGEVILLE	MAX	69 48	60 45	62 38	66 34	·65 40	55 46	66 40	84 53	85 62	84	65 46	52 46	61 36	69 40	69 49	60 35	69 43	69 34	56 31	56 33	67	80 51	84 62	80	76 59	76 42	68 39	82 55	80 55	75 57	69.7
PRINCETON	MAX M1N	52 39	61 29	64	58 32	55 29	61	62 34	64 47	61	51 36	55 38	51 30	61	62 41	51 32	55 28	63 25	45	45 27	60 25	74	87 46	83 49	79 53	77	49 37	63 29	*80	82 35	69 52	62.7
ROLLA MO SCH MINES	MAX MIN	76 43	48 36	64	56 35	65 42	45	55 35	65 49	79 54	85 40	58 43	50 37	47 30	61 36	67 47	52 30	59 41	60	40 26	45 28	56 36	73 55	89 68	75 56	75 51	62 37	52	70	83 61	68 56	62.7
SAINT CHAPLES	MAX MIN	47 45	60 39	58 43	63 38	58 38	60 42	60 38	75 47	89	75 44	59 38	50	59 35	67 43	63	60 33	54 33	46 30	46 32	57 31	73	88 52	82 61	81	72 52	50	66	88	80	74 58	65.3
ŞAİNT JOSEPH WB APT	MAX MIN	56 40	61 36	53 34	60 32	50 37	58 32	54 43	65 47	51	\$0 35	41 37	47	63	54	48	59 28	37 28	47	44	60 26	78 41	85 55	76 58	67	50	54	71	86 52	68	66 49	58.6
SAINT LOUIS WE APT	MAX	50	57 40	56 40	60 37	50 40	57	60 38	73 47	87	56 43	56 40	48	56 34	67 42	5 7 3 5	56 32	49	42	43 30	56 31	70	86 56	80 57	82 58	66 45	46 39	66 38	86 53	74 56	72 58	62.1
SAINT LOUIS WB CITY	XAM NIM	55 45	56 44	55	60 40	54 41	56 43	59 42	73 47	89	55 43	55 42	46	55 39	64	59	56 34	49	42 28	42 32	54 32	69	87 55	78 58	80 59	67	48	65	86	70	74 59	61.9
SAINT LOUIS UNIV	MAX	56 45	55 43	55 43	60	56 43	55	59 42	72 48	89	65 43	54	47	55 38	65 45	61	56 33	54 34	43	43	54 32	68	87 56	80	80 57	68	49	64	84	78 54	74 58	62.9
SAINT LOUIS WASH U	MAX	76 45	50	55 43	56 36	61 42	50	55 39	61 46	73 48	88	58 42	53	48	57 43	66 50	60	58 38	45	44	45 32	56	71 52	37 63	79 58	81	69	47	66	86	72 56	62.4
SALEM	MAX	75 43	49	65 39	57	66 36	46	52 30	64	83	85 41	59 38	50 37	47 27	62 35	65	55	57	46	38	46	55	72 45	87	75 56	7 <b>5</b>	65	47	69	81	67 56	62.0
SALISBURY	MAX M1N	49	61	55	61	52 35	59	5.8 3.6	72 48	75	55	50 35	50	60	57 42	55 35	57	55 27	45	46	56 29	71	85 56	80 53	73 58	63	52 39	66	82	80 59	72 55	61.7
SAVERTON L AND 0 22	MAX M1N	50	57 37	55 41	58	59 37	56 46	56 42	67	82	55 42	52 42	48	55	61	65	57 33	53	42	43	56 32	69	86 52	77 53	78 56	67	48	61	74	73 53	69	61.0
SEDALIA	MAX	57	62	62	64	59 35	56	56 39	73 39	75 52	55	54	54	60	63	60	58 28	57 29	44	47	55 28	72	83 56	82 60	72	65	54 38	70	85 54	83	68	63.5
SELIGMAN	MAX	56	70 36	62	63	57 42	49	50	75 52	80	66 36	53	47	59 28	63	61	60 26	62	53	48	53 28	63	83 58	78 64	70		66	75 37	77	70 53	69	63.4
SEYMOUR ANNE	MAX		65	59	62	5/7	50	59	79	80	,,,	59	45	64	57	53	59	60	38			72	86	77	71	65	49	69	79	72		62.5
SHELBINA	MAX M1N	50	58 31	<b>56</b>	58 34	56 33	57	57 32	70 45	77	5 9 4 0	53 33	48	56 25	60 49	57	54 29	54 25	42	45 29	55 28	70 35	81 48	80 51	75 56	67	45 38	63	80	76 54	71 55	61.0
SIKESTON	MAX	70	58	58	58	67	60	52 38	65 45	83	85 42	67 42	51	51 33	60	69	67	50	67	43	53	57	67	81 55	83	71	78 47	52	68 46	83	69	64.8
SIKESTON CROP EX® FARM	MAX	65	57	58	65	59 37	51	63 37	81	84	76 41	61	48	60	67 34	62	60	66	59	54	56 31	66	80	81	73 59	77	59	67	83	75 54	74 56	66.2
SPRINGFIELO WB APT	MAX MIM	49	66	53	63	48	51	59	78 55	79	54	45 41	45	59	63	53	59 27	57	40	47 28	53 26	73	85 52	76 58	71	56 45	52	72 35	81	64	70 55	60.7
STEFFENVILLE	MAX M1N	47	58 32	54	58	56 33	58	58 34	71	78	55 39	49	51	54 28	59 38	55	55 29	52 24	42	44	57 29	70	84	81 52	74 55	60	46	62	74	75 51	70 55	60.2
SWEET SPPINGS	MAX	52 41	62	60	65	55 37	57	57 35	74 48	75 47	58 38	53 38	50	62	60	58	60	60	47	48	58	74	88	84	57	67	56 39	69	86 52	79 57	72 52	63.7
TARKIO	MAX M1N	60	60 34	55	60	55 31	61	57 38	66	61	52 32	50 31	50	66 27	62 42	58	60 26	48	48	43	60	80	88	79 50	71	55	56 37	68	85 47	76 54	66 51	61.9
TPENTON	MAX	52 39		57	60	57 34	- 1		66 47	62	54 48	51 35	47		59	47	56 29	55	47		59	74	85 55	83 54	- 1	63	51 38			79		61.0
UNION 1 SE	MAX	56 42	61 32	57	63 31	58 33	56	69 30	76 46	87	71 42	53 36	51	58 33	67	63	58		43	46 27	55	73	88 53	78 59	80	71	48	67	86	80		64.9
UNIONVILLE	MAX	46	58 31	53	55	49	57	55	63	61	49	46 32	45	55		48	48	44 23	41	40		68	84	78	74	54	54 36	60	73 45	48	62	56.2
VANOAL IA	MAX M1N		•		,,	.,		,			,,,	,,,	,		,,			.,			20										,,	300
VEPSAILLES	MAX	59	63 30	55	63	57 34	56 38	61 37	78 49	80		56 38			62 36		60	58 29	27		55	74	87 58		74 52		65 32	70		81		65 · 2 39 · 6
VICHY AP CAA 2 NW	MAX	50	61	55	62	46	54	63	78	85	56	52	45	58	66	55	56	50 28	39	45		73	89 56	71 58	77	60	48		84	69 57	75	61.5
WAPPAPELLO CAM	MIN	72	35 58	60	58	39 68	57	35 50	63	83	39 85	38 68	50	48	60	35 68	65	62	65	45	54	57	67	79	80	73 57	78 45	52		81	66	64.7
WAPRENSBURG C T C	MAX MIN	54	63	63	64	60	55	38 55	71	73	43 54	42 54	47	58	37 59	59	35 59 29	58	32 46 27		55	73 42	50 85 56	61 84 58	72		55 41	70		84 57	72	63.4
WARPENTON IN	MAX	55 42	39 62 34	38 57 37	38 61 35	41 59 37	51 40	42 72 36	50 76 46		39 81		48		65	63		54 31	41 27		54	73	85 54	84 62	78 57	76 47	47	66	86	85 53	72	65.2
WARSAW NO 1	MAX	67	66	66	63	63	59	61 34	78 52		61		49	63	.64 37	35 61	62	61	46 27	50	57 27	75	85 58	85 61	75 56			72	86 57		73	66.3
WASOLA	MAX	66	70	60	66	60	52	63	85	8.2	70		50	62	67	58	30 63		45	50	58	76	90	82	70	4.4	57	73	81	74	76	66.2
WAYNESVILLE 2W	MAX	72	36 67	60	66	60	56	35 65		85	38 72	41 55	40	61	65	60	61	60	47	47	58	75	91	80	75	68	51	72	52 84	38 79	76	66.4
WERSTER GROVES	MIN	56	25 55	57	61	52	55	26 59	73	89	39	2,9	35 48	57	66	60	57	49	43	45	55	70		77	80		37 49			77	75	63.2
	MIN	44	39	41	35	41	41	36	42	42			39	34	42	36	32	32	28	29	30	37	51	62	58	48	38	38	53	55	56	41.4

Table	5-Con	Himmad .	
? mrs.	2.000	maec	

Table 6

## DAILY TEMPERAT URES

MISSOURI

Station																Day	Oí	Mon	ıth												OFF	8
Dianog		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 3	Avera
WEINGARTEN	MAX	74	58 39	58 40	0.5	62 40	54 41	62	75 49	86 57	82 41	57 39	57 34		64 36	59		55 38			55 27	68 27	84	80 62	79 59		60	68	83 54	80 54		66.1
WEST PLAINS	MAX	51 45	65 33	56 35	66 28	52 38	52 36	63 31	84 56	85 47	62 40	49 43			66 33	57 38	62 30	64 38	43 28		56 30	74 29	87 43	82 61	73 59		5 I 3 7	70 33		67 58		64.1
WILLOW SPRINGS	MIN	67 41	67 31	56 44	65 26	58 37	52 41	63 30	83 53	83 51	65 40	52 40	52 28		65 41	56 41	62 29	63 39	49		57 28	75 30		84 59	72 55	67 50	53 41	72 33	81 50	70 55		65.4
#INDSOR 3NH	MAX		57 33	57 37	62 34	57 41	57 38		72 49	74 50	54 38	5 I 4 O	48 36		62 41	59 40		54 28	46 27	47 28	55 26	71 38	82 53	71 61	72 56	65 44	54 40	70 35	82 55	77 56		61.7

## DAILY SOIL TEMPERATURES

																Day	of mo	nth															e ba
DEPTH TIM	1E	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver

#### CONCEPTION

			-									7	,				,							2 -			r	11 -1					~	
I	INCH	5PM	45	52	46	53	47	52	47	54	47	50	44	47	54	47	39	45	37	42	38	50	61	66	60	57	43	49	54	63	58	64	ny.	54.3
3	INCHES	5PM	46	50	44	49	46	48	45	50	47	46	45	46	49	46	40	41	38	41	39	45	52	59	57	56	46	49	51	57	56	58		48.1
6	INCHES	5PM	44	46	45	46	45	45	45	47	47	45	45	45	46	46	43	42	40	40	40	42	46	51	53	54	48	48	49	51	54	55		46.4
12	2 INCHES	5PM	45	45	46	45	45	45	45	46	47	46	45	45	45	46	45	43	43	42	42	42	45	47	50	52	50	48	48	49	52	52		46.2
24	INCHES	5PM	45	46	46	46	46	46	45	46	46	47	46	46	46	46	46	46	46	45	44	44	45	46.	47	48	49	48	48	48	49	50		46.4
36	INCHES	5PM	46	46	46	46	46	46	46	46	46	47	47	47	47	47	46	47	47	47	47	47	47	46	47	48	47	47	48	48	48	48		46.8
7:	INCHES	5PM	46	46	46	46	46	46	46	46	46	46	46	46	46	46	47	46	47	46	46	47	47	47	47	47	47	47	47	47	47	48		46.5

#### SIKESTON CROP EXP. FARM

1	INCH	6PM	56	57	52	56	52	51	60	65	69	62	52	49	56	57	54	55	57	45	46	55	56	63	68	65	61	52	61	66	56	68		57.4
3	INCHES	6РМ	56	58	53	57	52	51	60	64	68	63	54	51	57	57	57	57	56	47	48	55	56	62	66	65	64	54	62	66	59	67		58.1
6	INCHES	6PM	56	56	53	55	52	51	57	61	65	62	54	52	55	56	57	56	55	48	49	53	55	59	64	63	64	56	60	63	59	64		57.0
12	19CHES	6РМ	55	54	53	53	52	51	53	56	60.	59	55	53	53	54	55	54	53	50	50	50	52	55	59	60	62	57	57	59	59	60		55.1
24	INCHES	6РМ	53	53	53	52	52	52	52	53	55	56	55	54	53	53	53	53	53	52	51	51	51	52	54	55	57	56	55	56	57	57 .		53.6
48	3 INCHES	6РМ	51	52	52	52	52	52	52	52	52	52	53	53	53	53	53	53	53	53	53	53	52	52	52	53	53	53	54	54	54	54	1	52.7
72	! INCHES	6РМ	50	50	50	50	50	50	51	51	51	51	51	51	51	51	51	51	51	51	51	51	52	52	52	52	52	52	52	52	52	52		51.1
						-			-		-					-								-		1	,r							

## EVAPORATION AND WIND

MISSOURI APRIL 1953

																	Day o	of mo	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave.
COLUMBIA WB AP	EVAP		.20	.23		.07 35			.26 111		.29 189		.11 97	.14 52		.03 181			.12		.16 106		.26 65				.07 199				.14		4.528 29988
LAKESIDE	EVAP			.17					.12 53										* 69		.14						.18			.39			4.04 1724
ST LOUIS WASH UNIV	EVAP			.09																	.14 73						.29						4.148

																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BETHANY	SNOWFALL SN ON GND																	T	3.D		Т											
BUTLER CAA AP	SNOWFALL SN ON GND								Т						Ť			Ť	0.2 T													
CANTON L & D 2D	SNOWFALL SN ON GND																		- 6	4	Ť											
CAPE GIRARDEAU MO STATE	SNOWFALL SN ON GND										Т								T T													
CHILLICOTHE RADIO K C H I	SNOWFALL SN ON GND															T		1.3		Ť												
CLINTON 1 NNW	SNOWFALL SN ON GND								Т										Т													
COLUMBIA WB AP	SNOWFALL SN ON GND															Т		D.2	T	Т												
FARMINGTON	SNOWFALL SN ON GND																		1.D	T												
HANNIBAL	SNOWFALL SN ONGGND																		2.0													
JOPLIN CAA AP	SNOWFALL SN ON GND																	Т	D.5					Т								
KANSAS CITY WB AP	SNOWFALL SN ON GND											Т						T		Т						1						
KIRKSVILLE CAA AP	SNOWFALL SN ON GND															Т		4.B	3	т												
MACON	SNOWFALL SN ON GND															Т			2.D													
NEW FLORENCE	SNOWFALL SN ON GND								Т							Т	Т	D.4	0.4 T	Т	Ŧ						Т					
ST JOSEPH WB AP	SNOWFALL SN ON GND																	т		Т												
ST LOUIS WB AP	SNOWFALL SN ON GND								Т							Т		Т	T	T												
ST LOUIS WB CITY	SNOWFALL SN ON GND								Т		}							Т	1.0	Т												
SALEM	SNOWFALL SN ON GND																		1.0	т												
SPRINGFIELD WB AP	SNOWFALL SN ON GND																	Т	D.4	т				Т								
TARK10	SNOWFALL SN ON GND															Т				T												
UNIONVILLE	SNOWFALL SN ON GND																	Ť			Ť											
VICHY CAA AP	SNOWFALL SN ON GND																		2.D	Т												
WARSAW 1	SNOWFALL SN ON GND																		2.0													
WEST PLAINS	SNOWFALL SN ON GND									T									Т													

## STATION INDEX

Continued							OI:						<del> </del>					WIEEDS APWIL 19
Station	Index No.	County	Drainage !	Latthode	Longitude	Elevation	Obes vatio time	Ohanna	Refer to tables	Station	Index No.	County	Drainage 1	Longitude	Elevation	Obe vatio	on.	Refer to tables
Advance S ESE Albaoy Alten E EHM Amity Ameterdam	0031 0127 D142	StodHarN Geetry Oregoe DuEalb Bates	4 3	7 DE 0 12 6 42 8 22 W 21	94 2E	253 E72 1830	6P 7	P Hello Moroei P William J. Butler A Loyd E. Black A O. M. Colbour D E. A. Eersheer	2 3 8 C 2 2 5 3 C 3 3 5 C	La Eelle Lakeeide Lamar Lampe Foreet Service Lampe 4 NNE	4694 4705 4727	LeeIs Willer Barton Stone Stone	6 40 9 38 8 37 12 36 12 36	12 92 2 30 84 1 34 83 2	7 695 S 980 6 -	7 A 7 A	8A James M. Yiebback 7A W. S. Frame 7A Marle Mann 7A Drley Y. Scott 11D Mrs. A. D. Romers	3 2 3 6 6 2 3 8 3
Andwrace 1 KW Ancopolic 7 SW Appletos City Arcadia Anhtee 1 W	017E 0304 0234 0312	McDosalM   Iros   Et. Ciair   Iros   Clark	1 2 7 2 10 2	6 2M 7 2D 8 12 7 38 0 27	94 27 90 47 94 02 90 27 91 49	1000 800 928	6P 6	A E. M. Chamberlain A Dpal O. Mutter P Y. Paul Eye A Arcadia College D Glen A. Woodruff	3 3 5 3 3 5 C 3 2 2 C	Lathrop 3 8W Lahance 1 EWE Leeper Leep Summit 1 N Lexiewton	4825 4844 4846	Clinton Laclede Wayne Jackeon Lafayette	4 39 9 37 1 37 7 38 7 39	41 92 3 04 80 4 56 84 2	9 1240 2 - 3 -	١,	6P Cecil F. Haye 7A Brodie O. Barnett 7A CLOSEO 11D Geejamin F. Smith 7A Willias H. Cullom	3 3 5 2 3 5 4/30/53 3 3 5
Auxvance Arm Meager Statice Bedford 1 E Beileview Bereie	0345 D502 0537 D595	Callacey Dosglae Livisgetoe Iroe Stoddard	12 3 4 3 5 3 10 3	E 41 7 41 6 40	91 54 92 40 E3 23 90 41 8E 5E	1080	8 11 5 7	P C. S. Sook A U.E. Forest Service D Marry E. Etephene A Beulah M. Aleaander A Earold M. Summere	3 3 C 3 C	Lickieg 4 N Lineaue 3 S Livonia Lockwood Louisiana Starke Nur.	4978		3 37 4 38 3 40 8 37 8 38	50 83 1 28 92 4	2 635 2 - 7 1078	6P h	7A Rotert O. Damece SP Morle Rade (1D icel M. Tade 7A Hubert A. Wieman 6P Stark Bros. Nureery	2 3 5 3 6 3 3 5 3 3 5
Sotkany Harch Tree Black E MV SloomfielM Bolivar	0668 0683 D735 07E9	Harriece Skaamoe Iron Etoddard Polk	1 3 1 3 10 2 8 3	0 16 S 5E 7 37 9 52 7 37	90 59 SE 56 92 25	816 1000 1000 440 1071	5P 7 7P 7 5P 5	A Carl W. Slaughter A Hildred B. Catlett P Dtto Gowyln A George E. Lony P SW Baptiet College	3 3 5 7 2 3 5 3 3 5 3 3 5 C	Louisiana Lucerne Macedonia Lookout Macon Madison	2164 5175 5183	Putnam Ripley Macon Moeroe	6 39 4 40 1 36 2 39 8 38	45 80 5 45 92 3	8 - 4 - 8 875	74	7A Georme A. Garner 9A D. A. Broesinm 8P Roy C. Robinett 7A John W. Ateell 8A Enos Wood	3 3 2 3 5 7 (
Boowiile Water Worke Bowiivy Greee Bradiaywiile Brookfield Bruneeick	D85E 087R 0980 1037	Cooper Pike Theey Liee Charitos	E 31 12 34 4 31 4 31	E 21 6 47 E 47 E 26	92 45 91 12 82 55 93 D5 93 DM	95D - 767 652	5P 2	A Soonville Water Dep A Wirwil Cook A Eiser & Hubhard P. G. F. Breee A O. 8. Seencke	2 3 5 3 2 3 3 5 2 2 5	Maldee CAA AP 4 NW Macefield Marble 8111 Mareball Marshfield	5237 5353 5286 5307	Ducking Wright Bollinger Saline Webster	10 36 12 37 8 37 7 39 12 37	08 93 3 18 89 5 07 83 1	5 - 8 532 1 775	6P 5P	TD U.S. Civil Aero Adm 7A Henry O. Brown 7A Bryan A. Williame 5P Municipal Utilities 8P Sbo-Me Poeer Co.	2 3 5
Buffalo Busker Burilegton Junction Butler Butler CAA AP 2 W	1101 1141 1145 1147	Dallas Neymolds Nodaesy Sates Sates	1 3 7 41 9 31 9 31	8 16 8 1 <sup>11</sup>	93 05 91 12 95 04 94 20 94 20		5P 5	A L. S. Sowerton A C. D. Bighley A Ralph S. Fuller B Sarley W. Johnson D U.S. Civil Aero Adm		Martinsbury Maryville 7 NNW McCredie 3 W McCrodie Exp. Station	5340 5345 5410 5415	Audrain Nodaeay Nodavay Callaeay Callaway	7 39 7 40 7 40 7 38 7 38	21 94 5 25 94 5 58 91 5 57 91 5	8 -	6P	7A Fr. H. Freeze 6P R. B. Montgomery IID Earl W. Trueblood ID Lelie B. Craig ID U.S. Soil Conserv.	235
Camdestoe Cambell Caethe Lock & Dam 20 Cap Aw Grie Lock & Dam Cape Girardeau No Rtate	1221 1375 1283 1291	Camdes Duskile Lavie Lincols C Girardesu C Girardesu	10 34	9 D0 7 18	92 45 90 04 91 31 90 43 89 32 69 32	940 314 486 - 347	5P 5 7P 7 5P 5	P Mo, Coeserv, Coma, P Mr. M. Boh Comer Locksaster D U. 3. Eegineere P Teachere Coilege	2 3 5 2 3 5 2 3 5 7 2 3 5 7	Memphis Morcer 6 NW Hexico Widdletown 5 NE Wilan	5519 5541 5565 5578	Sullivae	6 40 4 40 9 39 6 39 4 40	33 93 3 10 91 5 10 91 2 12 83 0	8 ~ 3 800 2 ~ 7 ~	7A	7A Johe W. Alexander 7A Decar L. Nartley 7A D. N. Woode 7A Eloiee M. Graham 7A Charies S. Smith	3 3 5 3 2 3 5 3 3
Capinger Mile Carrolitos Carthage Carathersville Caeeville Bangur 6ta.	1364 1340 125R 1364	Cedar	9 3: 7 3: 31 3: 8 3:	7 48 9 33 7 11 6 11	93 49 83 30 94 17 69 4D	754 962 265	6P 7	A Lee L. Albert P. S. E. Price Barold R. Finley A Phil B. Davie Victor T. Malloure A Florence A. Karoe	3 3 5 2 3 5 2 3 5 2 3 5 2 3 5 3 C	Miller 2 3B Moherly Hadlo KNCM Monett Monroe City Mora	5871 5700 57D8 5754	Lawreece Raedolpb Barry Monroe Beetoe	10 37 8 29 8 36 6 39 7 38	24 82 2 55 93 5 38 91 4 32 93 1	6 850 5 1310 4 - 3 -	6P 8A	IID William A. Garoutte 6P Badio Sta. KNCM 8A Keneeth G. Meueer SS J. S. Conway iD Emna M. Meyer	3 3 6 6 2 3 5 3
Centerville Centerville Bangur Sta. Centralle Charleston	1467 1472 1482 1490	Reynolds Seynolds Boose	1 37 6 31	7 26 7 26 9 12 6 59	90 57 90 57 92 D8 92 D3 R9 21		7 8 6 7	A Corda Jace Barricon D.S. Forest Service A Rarl W. Seymour A Sylvia Fletcher P Charlestoe Fire Dep	2 3 3 2	Morehouse Moeelle Mouetain Growe 2 N Mouet Vernon 3 SW Neceho	5818 5834 5861 5976	Nee Wadrid Franklin Wright Lawrence Newton	8 36 5 38 3 37 8 37 8 36	23 90 5 09 92 1 04 93 5 52 94 2	4 497 8 1463 2 1174 2 1011	5P 6P 5P	4P J. A. Speece 8A Ernest J. Foster 8A Mo Fruit Bxp Sta 6P Wm. E. Kirchhoff 5D U.S. Fleheries Sta.	3 3 3 3 5 2 3 5 2 3 5
Chillrothe 2 g Chillrothe Hamio ECHI Clarksville Lock k Dan Cleerweter Dan Clifton City	1580 1585 1640 1874	Liviegatoe Liviagatoe PIke Wayne	4 31 4 21 6 31 1 3	9 45 9 46 9 22 7 07	93 23 93 33 90 55 90 47	771	88 3 11	A B. O. Dupy B Madlo Station ECE1 D. 3. Engineere A D. 3. Engineers	3 2 3 5 7 C 3 3 5 C	New Boeton New Florence New Florence New Madrid Novinger 1 E Dates Tower	5999 8007 <b>604</b> 0 8170	Vernon Lien Montgomery New Madrid Adair Reynolds	4 39 7 38 6 36 2 40	57 92 5 55 91 2 35 89 2 14 92 4	7 880 1 - 1 -	6P	5P Reery Kraft 7A Gerald R. Nill 6P Herhert B. Davault 6A Wess Receley 7A Vere M. Robison	2 2 5 6 2 2 3 5 7 6 3 3 3
Clietoe 1 WWW Celoma Celumbia WB Alrport Cesception	1711 1773 1790 1W22	Baery Carroll Boose Rodaway	9 34 4 25 7 36 7 41 7 36 5 37	8 22 9 31 R 58 0 16	93 47 93 23 92 22 94 41	778 11D8	8A 8 7 W1D W1 5P 5	A Loyd M. Millam A Jewel B. Truecell D U.S. Weather Bureau Fr. Adelhela Beec	3 3 5 7 C 3 2 2 5 6 7 C 3 2 5	Odesea Oregon Oregon 1 NE Deceola 3 NE Owensville	6269 8357 8359 6407	Lafayette	7 39 7 39 7 29 9 28	00 92 5 59 95 0 59 95 0 05 93 3	7 - 9 1093 8 1040 9 -	8P	7A Sthel Sue Adams 7A Wm. E. Dougherty 7A Jamee M. Curry 1D Addie A. Burtnett 7A Sam N. Simmone 8A Aneta E. 1man	3 2 2 5 3 6
Cook Rtatios Craces Eouctaic Crocker Crystai Clty 1 H	1870 1980 2004 2031 2043	Craeford 1ros Pulaski Jeffersoe Crawford	10 37 9 37 6 38	7 27 7 57 E 14	91 37 90 28 92 15 9D 23 91 24	420	SP 5	Charles iden Oscar F. Tidd	3 3 3 2 3 5	Ozark Ozark Beach Pacific Palmyre	6452 9460 6468 6492	Christian Taney Franklin Marloe	12 37 12 36 5 38 6 39	01 93 1 40 93 0 29 90 4 48 91 3	3 1150 7 700 4 - 0 -	8A	NA WILLIAM L. Reed SA Empire Oie El Co 7A Arthur O. Lewie SA Jesee E. George SA J. W. Reed	3 2 3 5 3 3
Deering De Boto Deater Domiphan Demiphan 3 T	3235	Stoddard Ripley Sipley	1 36	5 12 5 09 5 47 5 37	89 53 9D 34 89 56 9D 5D 90 51	344	6P 6	Clarence 8, Careell Moy R. Dewey J. L. Jackmon Boyce Lackey	3 3 3 2 3 5	Parma Pattonsburg Perry Perryville Plorce City	6532 6563 6623 6641	Nee Madrid Daviese Ralle Perry Lagrence	10 36 4 40 6 49 6 39 8 36	37 99 4 03 94 0 26 91 4 43 89 5	8 - 9 - 0 710 2 -	5P	7A Laura E, Morgan ID Wade O, Moody ID Rev. C. B. Greee 7A John B. Hagan 7A John P. Cavle	2 3 5
Dera Downieg East End Edgerton Ediam	2318 2406 2474 2483	Scheyler lroe Platte	7 31	7 41 7 3D	92 13 93 33 91 02 94 39 93 10	856	6P 7	D Alta M. Deupree D Edward L. Beeler L C. D. Smith R Rodora L. Perry	C C C C C 3 2 3 5 3	Pleasant Hill Polo Poplar Bluff Portageville Potoei 2 5	6748 6775 6791 6799	Cass Caldeell Butler New Madrid	9 38 7 39 1 28 6 36	48 94 1 33 94 0 45 90 2 26 89 4	7 - 2 1018 3 332 1 282	7A 5P	SA Deae T. Keorpp 7A Raiph C. Ulbright 7A D. M. Richardson 5P Portageville Rev.	3 3 2 3 5 2 3 5
Midoe Midorado Rpriege Rlijak Rliingtos Rlieisore	2511 2519 2347 2563	Miller Cedar Ozark Meymolda Carter Lincole	1 37	7 53 5 36 7 14	92 25 94 01 92 09 90 59 9D 45	934	7	Arthur Rotheell Clyde J. Snodgraee Loyd Price 3. Phronia Sandere A William Perkins	2 3 5 3 3 C	Prieceton Puxico Qulin Reynolde Richmond 7 W	9866 6934 6970 7094	Mercer Stoddard Butler Reynolde	4 40 10 36 10 39 1 27	24 93 36 57 90 1 36 90 1 24 91 0	5 -	ы	5P E. Wayne McClaran 7A J. W. Steinmeier 7A Torrence J. Johne 7A Effie V. Bill 1D Drelia E. Smith	2 2 5 3 3 3 3
Eleberry Enisence 3 HFV Fairing Ton Farming Ton CAA AP 1 E9	3517 272¥ 2809	Lincole Shannoe Atckiece St. Francois St. Francois Boward	10 37	7 47		896	7P 8	Soil Conserw. Serv. Thoame J. Chilton Dillard A. Price F. E. Karech D.S. Civil Aero Adm	2 3 5 C 2 3 5 7 C 3 3 5	Richwnods Ridgeeay 1 6B Roby Rogereville Wolla 3chool of Miees	7120 7214 7255 7263	Washiestoe Harrleoe Texas Webeter Phelpe	5 38 4 40 3 37 12 37	23 93 5 30 92 0 07 93 0	8 - 8 - 3 - 9 1202	9A	7A Slma M. Oe Clue 1D Keith Jackson 7A Roy E. Danlels 1D Gladys C. Shockley 9A School of Mines	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Fayate Fink Forsyth Fountele Grove Wildlife Fredericktown Frement France	2881 2975 2995 303 S	Hatler Tesey Livingeton	1D 36 12 36 4 31	5 47 5 41 9 42	90 14 93 06 93 18	670	SS S	Pirvin 8. Scheell Fred Lovell Ditto Recyon No. Coce. Comm. R. E. Leelle D.S. Forest Service	3 3 5 3 C 3 3 5	Rolla 5 38 Rolla 3 W Rolla 4 SE Rolla 7 S  Roued Eprieg Seint Charlee	7265 7266 7267 7309	Phelps Phelps Phelps Phelpe Shaenon St. Charles	5 37 3 37 5 37 3 37 1 37 7 28	56 81 4: 51 91 4: 18 91 2:	1040 970	M	ID Walter W. Snelson ID Loslie B. Underwood iD Mre. B. P. Light ID Gertrude Ponzer 7A C. E. Jonee	3
Fremont Tower Fulton 4 98 Gelena Gallatis 3 FE Gerald Gover 2 N	3079 3094 3102 317E	Duviese Sweeklie	4 39	56	91 14 91 57 92 28 93 57 91 20		8A 8 7 7 7	F. R. Billgertner Barold D. Stewart Frenk Serebberger	3 5 C 3 3 3 C	Saint James 3 NW Baiet Joseph WB AP Saiet Louis WB AP 13 NW Saint Louis WB City Saint Louis Deivereity	7424 7440 7455 7460	Phelpe Buchaean Saint Louie St. L. City	5 28 7 39 7 28 6 38	01 91 49 46 94 53 45 90 23	0 1005 809 3 553 465	MID M	7A Charles J. Koenig 1D Wiillam S. Jones 9A U.S. Weather Bureau ID U.S. Weather Bureau 1D U.S. Weather Bureau 7P 3t. Louis Univ.	2 3 5 7 0
Granty Grouville 4 HPW Gregory Landiey Grovespries	2341 3369 3451 3463 3483	Clark	6 40	16	94 36 94 15 94 25 90 38 91 3D 92 37	-	6P 7. 5P 7.	Mildred B. Hatcher J. Boner Roro C. L. Mubotton Albert J. Muddick	3 2 3 5 2 3 5 3 3	Saint Louie Wash. Univ. Salem Salishury Saverton Lock & Dam 32 Sedalis	7470 7566 7514 7578	3t. L. City Deet Chariton	6 38 5 37 3 39 6 39	29 80 11 38 91 33 26 92 40 38 91 18	537 1306 723 473	8A 7A 6P	8A J. Hopp E. Bruet 7A E. E. Martin 6P David H. Rohertson 7A Lockmaeter 7A Or. J. E. Caecaday	2 2 5 8 C 2 2 5 7 C 2 2 5
Halley Randee 2 SE Hannibal Bancibal Vater Vorks	2537 3565 3596 3801 3641	Harry Charitoe Warion Harion Rullivan	12 36 2 35 R 31	2 42 9 36 9 42	93 46 93 47 91 21	759	MID MI	Moy W, McNeley Filliam Madison D Mary M, White Grover C, Ven Oyke D Moger C. Simgins John R, Miller	3 C 3 7 C C C C C	Seligman Seneca Seymour 4 NNE Shelhiea Shelhiea	7659 7674 7720	Barry Neeton Webeter Shelby Shelby	8 36 8 38 12 37 9 38 9 38	21 93 56 50 94 37 13 92 43 41 92 03	1542 7 - 1640 779	7P M 5P 5P	7A Floyd E. Faever iD Hoeea N. Barrison 7A Claude E. Garfit 8A Drville L. Payee	2 3 5 2 3 5 2 3 5
Harrisonville Harlegreen 2 W Hearletta Hermann Hermitage	364E 2713 3779 37E3 3798	Came Laclede Bay Gasconade Rickory	7 31	14	93 21 94 2D 93 27 83 56 91 37 92 19 92 3D	883	6P 7.8	J. B. Pattereon Molvin R. Gallico William R. Sarrleon A Joseph Wunderlich P Rarold S. Carletrom Bilda M. Hargie	2 3 5 3 3 3 5	Sikeaton Sikeatoe Crop Exp.Fm Siloam Springe Skidmore Speed 2 W	7770 7772 7780 7813 7890	Scott New Madrid Howell Nodaway	8 39 6 38 12 39 7 40 7 28	53 89 35 51 89 35 48 92 04 17 95 05 51 92 56	318 5 - 1 -	7A 5P	7A Lucy W. Humphreys 5P Carl D. Luper 7A Beec M. Byere 10 Nina B. Geyer 1D Richerd S. Etegner 1D Dladye J. Cameron	2 3 5 2 3 5 2
Higher 5 R Righpolet 2 SV Bornersville Heuston Bowston 1 RR	3835 3849 3999 4019 4021	Boward Boeiteau Duchile Texas 7ease	7 31 10 36 3 37 2 37	9 3R 5 03 7 2D 7 19	82 37 90 06 91 5R 81 56	-	6P 6	Mrs. Joho R. Dutches Sallle E. Perkins The Houston Sereld Rlesor Johnson	3 3 5 C	Spring City Springfield WB AP 4 NW Standberry Steelville 3 W Steffenville	7967 7976 8003 8043 8051	Newton Greene Gentry Craeford Lesie	8 38 9 27 4 40	58 94 33 14 92 23 12 94 33 0D 91 33 58 91 53 21 93 41	1265	81D H	iD U.S. Meether Buroau iD R. Trueman Wagers 7A Alfred E. Gondman 7A Fannie V. Groee	3 C
Jackson Jeff City Hadio EVOS Jefferson City Jerons Jevett	4226 4271 4378 4291	C Girardeae Cole Cole	7 31 7 34 3 31	7 23 R 35 B 34	89 40 92 13 93 11	428 557 - 760	5P 7.	Commy Slebert ETOS Hadlo Farm Hoht, R. Recdermoe Walter S. Sroes Fred Goelkel	3 3 5 2 3 5 C 3	Stet 6 SE Stover Sullivan 5 R Summereville Summer 2 SE Seest Springe	8063 6112 8171 8184 6188	Carroll Morgan Franklin Texas Livingstoo	7 28 5 38	21 93 41 26 93 03 13 91 04 11 91 40 38 93 13 58 93 33	-	¥	ID Edward Stevene 7A R. Myle Vickrey 7A George J. Hueeamn 7A Ruth Wall 7A John W. Gullford 6P N. F. Neleon	3 3 C
Jopise CAA AP 4 M Mahoha Eassan City WB Airport 9.C. Rt. John & Rimwood M.C. 75th & Hoises	434E 4259 4364 4369	Clark Cley Jackmon	7 31	07	90 39 94 30 91 43 94 35 94 32 94 25 94 20	741	MID MI MID MI	D.9. Civil Aero Adm Wesley R. Raydee D.R. Weather Sureau D.Lester Applegate Lester Applegate Lester Applegate	2 3 5 7 C C C C	Tarkio Tecuameh Topax 4 ME Treetoe	8222 8289 8313 8412 8444	Saline Atchieon Ozark Douglae Orundy	7 40	27 95 23 37 92 13 58 92 13	7 - 7 822	9P	6P N. F. Neleon 9P Leeter B. Morton 7A Ray N. Nunt 8A Eerl 1. McMillan 7A W. N. Zetee 7A Robert L. Nichole	2 3 5 2 2 5 7 C 3 2 3 5 C
M.C. 37th & Haytown Rd Easnae City D. of R.C. Meyteeville 4 FE Ridder Eing City Eirhaville Radio KIRK	4379 4449 4481 4505	Jackson Jackson Charlton Caldeell Gentry	3 31	37	94 25 92 52		RP 6 7	Deivereity of K. C. Percy W. Ryan	2 3 5 C 3 3 5 3	Troy Tyrone 3 N Unico 1 8M Unicoville Talley Park	6498 8515 8523 8561	Lincoln Teaam Franklin Puteae Saiet Louie	1 37 5 38	59 90 51 12 91 53 27 90 51 28 93 00 33 90 30 59 91 00	1380	6P	10 Lovene A. Marrisce 7A Corcellus Sieges 7A George O. Choate 7A Floyd T. Gibbs	2 2 3 5 2 3 5 7 3
Eirksville CAA AP 7 SSS Eenkoseeg	4544 4549 4825	Adelr Adelr Oregon			94 06 94 31 82 35 92 23 81 39		6P 6 WiD W1 6P 7	Dow Jones D.S. Civil Aero Adm Genevieve T. Smith	3 3 5	Van Euren Vandalia Veccant 4 88	6589 8577 8585	Carter Audralo Douglee	6 39 12 36	18 91 36 56 92 16	768	5p	7A Merle A. Seith 5P Naomi E. Stoutz 7A C. D. Swith	2 3 5 2

- 81 -

### STATION INDEX

Continued																												APRIL 19:
Statioo	Index No.	County	Drainage	Latitude	Longitude		8	Temp tim	on	Observar	1	efer to oles		Station	Index No.	County	Drainage;	Latitude		Longitude	Elevation	VA	tion me		C	bse	rver	Refer to tables
Vermailles Vichy 2 8E Vichy CAA AP 2 NW Visnna 3 NW Villa Ridge 3 NW	8812 8814 8620	Morgan Maries Maries Maries Franklin	3 8	38 20 38 00 38 00 38 11 38 21	91 4 8 81 4 8 82 0	4 1 6 1	032 040 125	IID	MID MID MID	Gene W. Sartram Virginia F. Huffman U.S. Civil Aero Adm James McKinney Vincent Hellman	2 3 5	7 C C						REV	STA	710#8								
Waco Wappapello Dam Warreneburg Cent. T. C. Warrenton 1 W Warsaw No. 1	8700 8712 8725	Jasper Wayne Johnson Warren Benton	10 7 6	37 1- 36 5: 38 4: 38 4: 38 1:	80 1 8 83 4 9 81 0	5 4 8	475 878 887 887	5P 5P	8A 8A 5P	Lester O. Sigare U. S. Engineers Cent. Teach. Col. W. T. Zimmerman Dora Johnson	3 2 3 5 2 3 5 2 3 5 2 3 5		K	ennett Radio KBCA	4417	Dunk!in	10	36 1	3	90 04	26	5 36	51	Ra	dio	Sta.	KBOA	2 3 5
Warsaw Wo. 2 Washington 3 8 Wasola Waverly Waynesville 2 W	8746 8754 8768	Benton Franklin Ozark Lafayette Pulaski	12 7	38 1: 38 3: 38 4: 38 1: 37 4:	81 0 7 82 3 2 83 3	14 12	84 - 805	8P	7A 7A	John W. Surke Joe Ludewig A. W. Pinckney Jesee J. Fooes Ralph W. Land	3 2 3 5 3 2 3 5	c										1						
Webster Groves Weingarten West Plains Williamshurg Williamsville	8799 8880 8960	Saint Louis St Geneviev Howell Callaway Wayne	e 6	38 3: 37 5: 38 4: 38 5: 36 5:	80 1 91 5 81 4	3 1	507 833 005 -	SP MID	5P M1D M1D	Thosae J. McCasley William J. Miller U.S. Weather Sureau Mary W. Cruep George W. Julian	2 3 5 2 3 5 2 3 5											ı		-				
Willow Springs Willow Springs Por Ser Windsor 3 NW Zalna 5 E	9000	Howell Howell Johnson Bollinger	8	36 5 36 5 38 3 37 1	81 5	8	238 - 430		6A	Allen Frazee U.S. Forest Service Logan Sutherland J. Monroe Wull	2 3 5 2 3 5 3	C																

† DRAIWAGE CODE: 1. Slack 2. Chariton 3. Gaeconade 4. Grand 5. Meramec 8. Mleeissippi 7. Miseouri 8. Neosho 9. Oesge 10. Smint Francie 11. Saline 12. Spring 13. Tarkio 14. White

#### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state hasis. There will be no duplication of numbers

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed dsta and corrections will be csrried only in the June and Dscember issues of this bulletin.

Monthly and seasonal showfall and heating degree days for the preceding 12 months will be carried in the June issue of this hulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this hulletin ars: temperaturs in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherwise shown by footnote following Tahle 6.

Sleet and hail wers included in snowfell averages in Table 1, beginning with July 1948.

Amounts in Table 3 ars from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.
"WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more.

- No record in Tables 3, 6, 7, and the Station lodex. No record in Tables 2 and 5 is indicated by no entry.

  And also on a later date or dates.

  Amount included io following measurement, time distribution unknown.

  ( Gage is equipped with a windsbield.

  Adjusted to a full montb.

  Water equivalent of snowfall wholly or partly setimated, using s ratio of 1 inch water equivalent to every 10 inches of new snowfall.

  Ons or more days of record missing; see Tables 5 for detailed desily record. Degree Day data, if cerrisd for this station, have been adjusted to represent the value for the full month.

  Daily values and montbly total from recording gage.

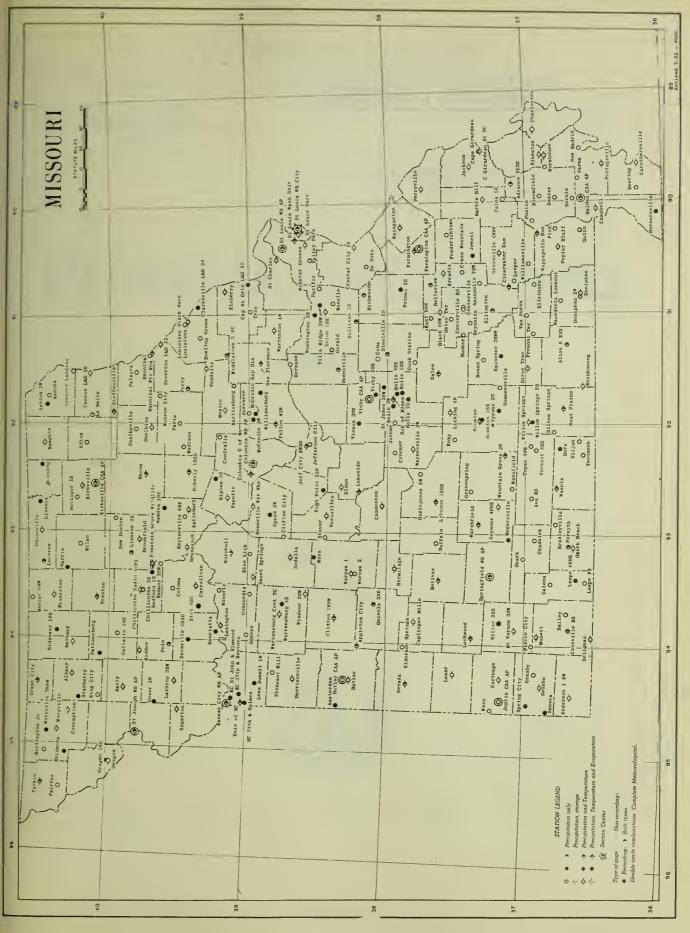
  Trace, an amount too small to measure.

  Includes total for previous month.

  This sutry in time of observation column in Station Index means observation made near sunset.

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WRPC. KANSAS CITY. MO., -- 6-19-53 -- 935



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UNIVERSITY OF ILLINGS

## CLIMATOLOGICAL DATA

**MISSOURI** 

MAY 1953 Volume LVII No. 5



101 24 1.53



#### MISSOURI - MAY 1953

#### H. F. Wahlgren, Section Director - Saint Louis

#### WEATHER SUMMARY

Temperatures averaged slightly above normal, and precipitation considerably below for the month. This was the driest May since 1941.

The average temperature for the State was  $65.5^{\circ}$ , or  $0.9^{\circ}$  above normal. The lowest average temperature was  $60.3^{\circ}$  at Maryville, and the highest  $71.3^{\circ}$  at Kennett. The lowest temperature recorded was  $32^{\circ}$  at Fountain Grove on the 4th. The highest was  $100^{\circ}$  at St. Charles on the 26th.

Precipitation averaged 2.97 inches, which is 1.83 inches below normal. The greatest monthly total was 6.43 inches at Keytesville, and the least 1.09 inches at Van Buren. The greatest deficiency was in the Southwestern Division, and was -2.32 inches.

Wet and cool weather was general over the State for the first 20 days, and lowest temperatures for the month occurred at most stations on the 3d, 4th, 13th or 14th. Minimum temperatures in the 30's or low 40's were state-wide on those days. Precipitation was somewhat above normal for the period 1st to 19th, but from the 20th to the close of the month only a few stations reported any significant amounts of rain. The southern divisions were particularly dry. At the same time temperatures changed from well below normal to several degrees above normal. Maxima in the 90's were state-wide on most of the last 10 days of the month.

A tornado occurred in Texas County, near Licking, on the 10th. A large barn was destroyed and several other buildings damaged. Hail occurred in numerous places over the State on the 17th. In Perry County about 3000 acres of small grain and hay were destroyed or badly damaged by a severe hail storm, and near Potosi a smaller acreage was destroyed. On the 26th a tornado funnel was seen at several points in Pemiscot County, but seemingly never reached the ground, as no damage was reported.

The Grand River was above flood stage at Sumner from April 30 to May 2d, and again from May 5th to 9th. At Brunswick, also on the Grand, flood conditions prevailed from the 8th to the 10th. Damage, however, was negligible.

All farm work was delayed by the cool, wet weather during the first 20 days of the month. Corn and soybean planting fell far behind average, and a considerable percentage of the cotton acreage had to be replanted. Small grains were in good condition, although slightly behind the normal in heading.--AJC.

#### SUPPLEMENTAL DATA

MISSOURI MAY 1953

	Wind	direction		Wind m.	speed p. h.		Relati	ve hum	idity ave			Numb	oer of da	ays with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
COLUMBIA WB AIRPORT	SSE	11	10.2	42	NW	22	76	83	56	57	3	4	3	2	0	0	12	65	6.1
KANSAS CITY WB AIRPORT	ENE	15	10.7	45	s	10	76	83	60	57	4	2	9	0	0	0	15	61	6.5
ST. JOSEPH WB AIRPORT	SSE	10	12.3	50	SW	10	77	82	57	54	6	6	4	2	0	0	18	47	8.7
ST. LOUIS WB CITY	5 †	111	10.9	61	SW	10	77†	81 🕇	53 🕇	58†	4	2	5	0	1	0	12	76	5.6
SPRINGFIELD WB AIRPORT	SSE	20	13.5	65	N	26	84	89	63	66	7	1	6	1	0	1	16	58	6.1

† -- airport data

#### COMPARATIVE DATA

No. of days .01 or more

<u>5</u> <u>17</u> 

Table 1

	T	emperatu	Ire	Pr	ecipitatio	n		Te	emperatu	re	Pz	ecipitatio
Year	Average	Highest	Lowest	Āverage	Average	No. of days	Year	Average	Highest	Lowest	Average	Average snowfall
1888 1889 1890 1891 1892	62.1 63.5 62.8 61.5 60.7	93 100 97 97 97	30 28 26 27 28	4.98 6.06 3.65 4.11 9.04	0	5 5 6 8 17	1913 1914 1915 1916 1917	65.8 66.6 63.7 65.6 58.7	101 98 97 96 91	33 31 30 33 30	2.79 1.49 7.72 5.47 4.28	0 0 0 0
1893 1894 1895 1896 1897	61.6 63.7 64.6 70.1 62.4	94 96 103 96 93	30 29 28 37 28	6.14 4.31 3.95 9.17 2.60	0 0 0 0	10 8 9 12 7	1918 1919 1920 1921 1922	68.3 62.0 63.8 66.4 67.2	100 93 97 102 97	28 35 32 28 38	5.50 5.74 5.01 3.68 3.07	0 0 0 0
1898 1899 1900 1901 1902	65.2 66.9 68.3 63.8 69.4	97 96 97 98 98	31 34 29 30 39	7.68 6.07 3.63 1.47 4.82	0 0 0 0	14 12 10 6 11	1923 1924 1925 1926 1927	62.7 58.6 61.2 67.0 64.6	97 96 98 100 94	25 31 24 29 34	4.68 4.71 2.10 2.78 6.95	T 0 0 0
1903 1904 1905 1906 1907	65.1 63.1 64.9 86.3 59.5	92 95 94 98 91	23 32 34 27 17	7.05 4.74 5.33 2.45 5.61	0 0 0 0 0.8	15 12 10 7 10	1928 1929 1930 1931 1932	65.8 61.7 64.7 61.0 66.1	95 95 95 96 98	29 28 33 29 31	2.87 7.76 3.33 4.50 1.80	0 0.3 0 0
1908 1909 1910 1911 1912	68.1 63.3 60.1 68.8 67.6	96 96 94 101 97	24 25 32 27 30	6.91 5.55 6.38 1.46 3.80	0 T 0 0	12 9 13 <u>5</u> 7	1933 1934 1935 1936 1937	65.9 69.0 60.3 68.8 66.2	96 110 92 95 98	35 31 32 32 32 34	7.75 1.93 8.46 2.52 3.86	0 0 0 0

	T	emperatu	re	Pr	ecipitatio	n
Year	Average	Highest	Lowest	Average	Average	No. of days
1938	65.0	94	32	6.13	0	13
1939	67.4	102	31	4.17	0	9
1940	62.7	95	30	2.44	0	8
1941	68.9	97	35	2.29	0	8
1942	63.8	97	29	5.31	0	10
1943	63.9	95	33	9.91	0	16
1944	68.4	99	27	4.44	ŏ	12
1945	60.5	92	31	5.50	0	12
1946	61.4	87	30	6.88	0	14
1947	62.3	92	29	4.38	0	11
1948	63.9	92	33	3.50	0	10
1949	67.6	95	34	4.59	T	12
1950	65.8	93	28	5.53	T	11
1951 1952	65.4 65.1	94 98	30 29	3.34	T	9 10
				5.05		10
1953	65.5	100	32	2.97	т	9

Averages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

		,	,	Tem	perati	ure			,				I	recip	itation					
				7				١.	No.	of Days		-	_		Snow.	Sleet, H	لكما	No.	of De	ys
Station	Average	Average	Average	Departure From Normal	Highest	Data	Lowest	Degree Days	Max.	Min.	-	Departure From Normal	Greatest Day	Data	Total	Max. Depth on Ground	Date	.01 cr More	.50 or More	1.00 More
NORTHERN DIVISION								-		1								- 1	-	
ALBANY AMITY BETHANY BEROOKFIELD BRUNSWICK	74.5 73.0 74.0 76.7 72.4	51.2 51.8 50.8 52.3 53.0	62.9M 62.4 62.4 64.5 62.7	1 -1.5	97	25 25 31 26 27	36 13 37 13 36 13 37 2+ 40 13+		5 7	0 0	0 2.84 0 3.54 0 2.52 0 3.00 0 5.19	.16 -1.71 -1.65	1.75 1.33 .76 1.29 1.83	5 5 5 5 22	T .0	00000		8 8 13 9	3 1 2	1 1 0 1 3
CANTON L & D 20 CARROLLTON CHILLICOTHE RADIO KCHI COLUMBIA W8 AP R CONCEPTION	73.5 75.1 74.2 74.8 74.3	51.3 53.3 52.1 54.6 51.4	62.4 64.2 63.2 64.7 62.9	2 .3 1.1 .8		31 25+ 30 26 26	37 3 37 4 36 4 41 13 35 13	162 150 162 127 169	5 5	0 0	0 2.01 0 5.10 0 2.92 0 2.66 0 1.88	-3.31 -1.17 -2.18 -2.18	.96 1.75 1.48 .90	17 22 5 4 5	T .0 T T .0	0 0 0 T	13	8 11 9 9 5	3 2 2	0 2 1 0 0
EDGERTON ELSBERRY FAYETTE FOUNTAIN GROVE WILDLIFE FULTON 4 SW	76.1 75.3 73.6 75.1	53.5 53.6 47.9 53.1	64.8 64.5 60.8 64.1	.1 .75	95 92 90 96	27 26 26+ 27	39 3 37 13 32 4 39 3+	141 204	3	0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 2.71 0 3.44 0 3.17 0 3.21	61 88 -1.39	1.22 1.08 1.37 1.19	16 5 5	.0	0 0 0		7 7 6 9	2 3 2 3	1 2 1 1
GRANT CITY HANNIBAL WATER WORKS KANSAS CITY W8 AP R KIDDER KIRKSVILLE RADIO KIRX	72.8 73.6 73.5 72.6	50.7 52.8 55.3	61.8 63.2M 64.4	2 4 -1.1	95 91 93	25 25+ 29 30+	34 13 39 13 34 4	182 144 149	6 4	0 0 0	0 3.30 0 2.42 0 2.98 0 2.01	93 -1.93 -1.43	1.23 1.22 .49	17 16 16	.0	0 0 0		7 8 11		1 1 0
KIRKSVILLE CAA AP 7 S	71.3	49.5	60.4			30	35 3	210		0 0	0 2.59	3.32	.61	16	T	0		9		0
LATHROP 3 SW LOUISIANA STARKS NUR MACON MARYVILLE	77.5 71.8 71.5	51.9 51.7 49.1	64.7 61.8 60.3	1.0 -1.7 -1.0	91	26 27+ 25	36 3 38 14 34 13	122	4	0 0 0	0 3.05 0 2.89 0 2.02	-1.65 -1,70 -2.63	1.30 1.10 .67	5 5 5	.0	0 0		11 12 10	2 2 1	1 0
MEMPHIS MEXICO MOSERLY RADIO KNCM NEW FLORENCE OREGON	73.2 75.8 74.2 76.3 72.7	48.4 53.4 51.6 53.9 52.3	60.8M 64.6M 62.9 65.1 62.5	8 .6 -1.1 7	94. 92 94 95	26	36 3 39 3 37 3 39 3 37 13	165 117 188	5 4 4	0 0 0 0 0 0 0 0	0 2.54 0 3.47 0 3.19 0 2.81 0 3.17	-1.47 -1.13 78 -1.36	.80 1.61 1.28 1.10 .81	17 5 5 16 5	. 0 . 0 . 0 . T	0 0		8 8 7 8 8	2 2 3 2 4	0 1 1 1 0
PRINCEION ST CHARLES SAINT JOSEPH W8 AP R SALISBURY SAVERTON L & D 22	75.5 80.6 72.6 74.8 75.4	48.9 56.6 52.3 53.5 55.7	62.2 68.6 62.5 64.2 65.6	5.5 -2.0 2.2	97 100 95 95 94	26 26 25 26 25	36 13 41 13 39 13 40 34 43 34		8 4 5	0 0 0 0 0 0 0 0	0 1.86 0 2.55 0 2.71 0 4.51 0 2.41	-1.73 -1.36 -3.00	.80 .79 .83 1.42 1.05	5 17 5 5 5	T T .0	0 0 T 0	26	5 8 12 9	1 2 4 2	0 0 0 2 1
SHEL8 INA STEFFENVILLE TARKIO TRENTON UNIONVILLE	75.4 74.5 74.4 74.6 71.2	51.5 51.5 50.5 52.8 49.9	63.5 63.0 62.5 63.7 60.6	8 1 .2 -1.5	90 92 97 94 90	31 .25 25+	36 3 37 3 36 4 38 3 34 13	148 157 172 149 200	5 6 5	0 0 0 0 0 0 0	0 2.32 0 2.56 0 3.73 0 2.81 0 2.97	-2.00 -2.01 81 -1.89 -2.28	1.16 1.02 1.51 1.06 1.31	5 17 17 5 21	.0 .0 T	0 0 0 0		9 10 8 11 11	2 2 3 1 1	1 1 1 1
VANDALIA WARRENTON 1 N	78.2	54.4	66.3	1.4	93	26	41 14	99	7	0 0	0 2.38	-2.02	1.15	16	.0	0		6	2	1
DIVISION			63.2	2							2.93	-1.70			Т					
SOUTHWESTERN DIVISION					·														ı	
ANDERSON 1. SW APPLETON CITY 80LIVAR 80ONVILLE WATER WKS 8UTLER	77.7 77.9 76.7 73.3 77.0	54.0 54.8 56.6 53.5 56.4	65.9 66.4 66.7 63.4 66.7M	.2 1.4 1.9	94 93 93	26+ 26 26 27 26	36 34 38 3 42 34 40 14 39 3	113	6 4 4	0 0 0 0 0 0 0 0	0 2.37 0 3.11 0 2.42 0 2.34 0 3.35	-3.38 -1.69 -2.93 -2.27	1.27 1.41 .95 1.00	12 23 16 5 23	.0 T T .0.	0 0 0 0		7 13 8 10 14	2 2 1 2 2	1 0 1 0
BUTLER CAA AP 2 N CAMDENTON CAPLINGER MILLS CARTHAGE CLINTON 1 NNW	74.7 78.9 77.4 77.0 75.0	54.4 54.1 55.0 56.0 54.2	64.6 66.5 66.2 66.5 64.6	9	93 94 93 92 91	26 26 26+	39 3 42 34 37 3 39 3 39 3	141 100 112 118	8 5 5	0 0 0 0 0 0 0 0 0	0 2.66 0 2.89 0 2.73 0 1.95 0 1.93	-2.14	.53 .78 1.01 .69	16 16 27 12 16	. 0 T . 0	0 0 0 0		14 9 9 4 8		0 0 1 0 0
ELDON HARRISONVILLE HERMITAGE JEFF CITY KWOS JOPLIN CAA AP 4 N	77.4 75.9 77.7 76.7 76.7	55.8 53.3 52.1 55.0 57.8	66.6 64.6 64.9 65.9 67.3	2.4 .8 1.2 1.0	93 91 94 93 94	26 26 26	41 3 36 14 35 3 38 3 43 3	100 143 133 112 111	5	0 0 0 0 0 0 0 0	0 2.96 0 4.01 0 2.35 0 3.83 0 2.01	-1.34 42 58 -3.35	.88 1.60 .61 1.11	16 5 16 5	T .0	0 0 0		12 11 8 10 8		0 2 0 1 0
K C UNIV OF K C LAKESIDE LAMAR LE8ANON I ENE LEXINGTON	74.9 77.1 75.5 77.8 73.7	53.7 53.1 55.5 55.2 54.6	64.3 65.1 65.5 66.5M 64.2	7 -1.0, 1 1.6 2		27	38 13 39 3 40 3 40 3- 39 13-		7 4 4	0 0 0 0	0 2.68 0 2.24 0 1.87 0 2.28 0 3.93	-1.87 -2.03 -3.39 -2.93 -1.03	.58 .54 .72 1.05 1.29	17 5 1/2 16 5	.0 .0 .0	0 0 0 0		10 11 5 9	1 1 1 1 2	0 0 0 1 1
LOCKWOOD MAPSHALL MARSHFIELD MONETI MOUNTAIN GFOVE 2 N	77.3 75.0 77.0 74.9 76.7	55.9 54.3 55.4 58.1 56.1	66.6 64.7M 66.2 66.5M 66.4M	2.2	94 93 94 92 93	25+ 27 27+	41 5- 37 3 40 14 41 8 41 14	110 147 112	6 3 3	00000	0 4.03 0 2.79 0 2.34 0 2.62 0 1.91	-1.29 -1.82 -2.55	1.55 1.03 .86 .89 .48	27 5 16 16 16	.0 T .0	0 0 0 0		7 7 8 7 11	4 2 1 2 0	1 1 0 0 0
MOUNT VERNON 3 SW NEOSHO NEVADA OZAPK BEACH	76.I 77.8 78.6	54.5 55.8 57.2	65.3 66.8 67.9	5 .8 3.4	92 92 97	26 26	40 3- 37. 3 42 3-	111 F 95	5 8	0 0 0	0 2.31 0 3.78 0 4.36	-3.20 -1.78 57	.87 1.23 1.12	16 I 2 27	.0 .0 T	0 0		7 8 10		0 1 1
SEDALIA J.L. GMAN	76.5	55.7	65.3	.8	93	26	40 13	110		0 0	0 2.61	-1.93	1.10	17	.0	0		7	2	0
TYMOR 4 NNE  PM NOF LD WB AP  WE I PR NGS  V P. LLE	75.3 74.9 76.6 74.6	1	65.1 65.6M 63.8M	1.5	94	26 26	41 14 38 3 33 2	125	1 2 5	0 0 0	0 3.49 0 4.50 0 3.03 0 3.11	-1.34 52	1.14 2.61 1.03 1.05	27 26 5	.0 .6 T	0 0	26+	7	3	1 1 1 1

TABLE 2 - CONTINUED

					Tem	perat	ure										F	recip	itation					
											N	lo. of	Day	8			-		Snow,	Sleet, H	ail	No	o. of E	ays
Station		. 8	. 8		ormal					Days	Ma	ıx.	M	in.		re ormal	A Day			Depth		More	More	
		Average	Average Minimum	Average	Departure From Norn	Highest	Date	Lowest	Date	Degree	90° or Above	32° or Below	32° or Below	Delow	Total	Departure From Normal	Greatest	Date	Total	Max. Do	Date	.01 or	.50 or	1.00 or More
MARRENSBURG CENT T C WARSAW NO. 1		75.4	56.0	65.7M	.7	94	26	40	13	120	3	0	0	0					.0	0				
WASOLA WAYNE5VILLE 2 W WINDSOR 3 NW		77.9 79.2 74.7	56.3 52.8 55.5	67.1 66.0 65.1		95 94 91	26 26+ 26	44 36 40	6 3 3 <sup>†</sup>	88 115 128	3 8 1	0 0	0 0 0	0 0 0	4.09 2.26 3.03		1.70 1.08 1.34	27 16 17	.0	0.00		9 10 11	1 1 2	1 1 1
DIVISION				65.7	.9										2.89	-2.32			Т					
50UTHEASTERN DIVISION																								
ADVANCE 5 E5E ARCADIA BIRCH TREE BLACK 6 NW CAMPBELL		79.7 79.6 78.5 79.8	55.0 54.1 54.9 52.7	67.4M 66.9 66.7 66.3	1.6 2.8 1.7 2.3	96 94		41 39 39 35	3	78 88 91 105	6 8 4 8	0 0 0	0000	0 0 0	3.01 2.14 3.44 2.53	-1.26 -2.10 91 -1.98	1.13 .74 1.03	16 16 16	.0	0 0 0	l	10 7 9 11	2 4 1	1 0 0 1
CAPE GIRARDEAU MO ST CARUTHERSVILLE CHARLESTON CLEARWATER DAM CRYSTAL CITY 1 N		79.0 80.7 81.1 82.2 80.4	57.4 61.6 59.2 54.8 54.0	68.2 71.2M 70.2 68.5 67.2M	1.4	96				63 33 50 66 92	7 6 7 9	00000	00000	0 0 0 0	3.44 5.69 2.92 2.40 2.69	63 1.25	1.06 1.01 1.06 .92	16 15 16 16	.0	0 0 0 0		13 12 11 9 7	7 2 1	1 1 1 0
DONIPHAN FARMINGTON FARMINGTON CAA AP GREENVILLE 4 NNW HOUSTON		81.0 78.6 76.1 81.1	54.5 53.9 54.2 54.8	67.8 66.3 65.2 68.0	1.3 2.6 2.1	95	26 26 26 26 26	38 40 40 40	14 3+	73 89 110 70	6 6 3 7	0 0 0 0	0000	0 0 0	5.15 3.04 3.24 2.09	.79 -2.03 -2.09	1.29 .69 1.24 .65	18 18 17 16	.0 .0	0 0 0		13 11 11 12	4 2 2 1	3 0 2 0
JACK5ON KENNETT RADIO KBOA KOSHKONONG LICKING 4 N MALDEN CAA AP		81.2 81.8 78.6 76.4 80.2	56.2 60.7 57.7 56.9 59.0	68.7 71.3 .68.2 66.7 69.6	3.1 1.6 2.3	98 95 96	26 29 26 <sup>†</sup> 27 27		14	64 39 68 55	7 8 7 5	00000	0 0 0 0		3.53 4.90 4.16 1.98 3.15	74 39 -3.15	1.26 1.26 .66 .79	16 16 11 16 16	.0 .0 T	0 0 0 0		14 13 12 9		1 1 0 0 0
MARBLE HILL PERRYVILLE POPLAR BLUFF PORTAGEVILLE		80.4 79.6 79.8	54.0 54.7 57.5	67.2 67.2 68.7	1.6	96	26 26 27		13 14 6+	77 77	7 6 6	0	0 0		3.02 3.50 2.96	-1.47 -1.56	.95 .98 .96	16 18 16	.0 T	0 0		12 10 12	3	0 0
ROLLA SCHOOL OF MINES		76.7	55.8	66.3	1.8	94	27	40	14		6	0	0	0	1.91	-2.84	.53	16	Т	0		7	1	0
	R R	77.9 77.6 78.4 77.8 76.8	56.5 58.5 59.2 57.9 54.3	67.2 68.1 68.8 67.9M	1.8 1.9 3.1 3.0 1.1	98 97 97	26		14	82 68 64	7 8 7 7 6	0 0 0	00000	0	1.77 3.37 3.53 2.98 2.86	-2.25 73 66 -1.73 -1.65	1.05 1.60 1.54 .69 1.15	16 16 16 17 14	.0 T T	0 T 0 0	17	7 8 7 9	2	1 1 0 1
51KE5TON 51KE5TON CROP EXP FARM UNION 1 5E VICHY CAA AP WAPPAPELLO DAM		78.8 79.2 78.6 76.4 77.4	58.8 57.7 54.0 55.0 57.5	68.8 68.5 66.3 65.7 67.5	.3 1.6 1.1	98 97 97 93 95	26+ 26 25	45 44 39 40 43	14 6	64 96 111	8	0 0 0 0	0 0 0 0	0	2.47 3.23 2.11 1.76 3.39	-1.77 -2.43 -1.12	.62 .77 .72 .63 1.32	16 16 16 4 16	.0	0 0 0 0 0		13 12 12 9 11	2 1 1	0 0 0 0
WEBSTER GROVES WEINGARTEN WEST PLAINS WILLOW SPRINGS		78.6 79.1 77.8 78.5	56.8 56.2 55.3 55.8	67.7 67.7 66.6 67.2	2.0			40 40	14 14 3 14	73 73 99 77	7 6	0	0 0 0 0	0	2.83 3.01 3.50	-1.97 -1.10	.85 .87 1.50	16 12 16	, T , O	0 0 0		8 12 10	2	0 0 1
DIVISION				67.7	2.0										3.08	-1.47			Т					
STATE				65.5	.9										2.97	-1.83			Т					

DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AND STATE MEANS.

## DAILY PRECIPITATION

T	Ł	1	_	0

Table 3																									_						MAY.	1953
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	Day 13	y of m	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	20	31
AOVANCE 5 ESE ALBANY ALTON 6 ENE AMITY	3.01 2.84 3.15 3.54		T	3	•21 T	.05 1.75 .40 1.33	.07	.10 .10	<u> </u>	3	.24 .13	•31 •50	.26	T T	.58 .03 .40	15	1.13 .16 .90	.03 .28 .40	_	19	20	.03	22	23	Т	25	20	.40	.02	28	30	
ANOERSON 1 SW ANNAPOLIS 7 SW APPLETON CITY ARCAOIA AUXWASSE	2.37 2.77 3.11 2.14 3.60	.07				.08 .31 .36 .32	.25	.12 .04 .15	•04		T •23	·17	.33 .02 .36	.06 .09 .06 .12	. 26	.01	.55 .61 .63	.49 .05 .96		.04			.34	1.41				.03	,			.03
AVA RANGER STA  8ELLEVIEW 8ERNIE 8ETHANY 91RCH TREE	2.69 2.29 4.13 2.52 3.44			.03	•02	.59 .45 .23 .76	.38	.09 .10 .16 .05	•07			.52 .20 .30	.25 .25 .25	.16 .18 .02	.01 .20 .27 .01	.06	.65 .62 .90	.23 .19 .24	.26 1.45 .34	.06		.01			.08			.03	•35			
BLACK 6 NW  BLOOMFIELD  BOLIVAR  BOONVILLE WATERWKS  BOWLING GREEN	2.53 3.41 2.42 2.34 3.13	•07			• 09	.32 .26 .25 1.00	.03 .10	.08 .12 .02 .11	.10		•05	•90	.15 .25 .44	• 33 • 05 • 02 T	.08 .18	• 10	.78 .95 .28	.27 .15 .32 .56	.47 .25 .20	•05			.04	т				• 09	т	•04		7
BRADLEYVILLE  BROOKFIELD  BRUNSWICK  BUFFALD  BUNKER	3.00 5.19 2.86 2.55	.02	-	-	• 05	1.29 1.26 .44	- •51 •40 •05	- •15 •29 •13	-	-	-	.05	.34	.20 .26	- .25 .10	-	- •25 •05 •70	- 1.05	•58	-	-	.12	.44	.33	-	-	-	- 10	-	.05		- :
BURLINGTON JUNCTION  BUTLER BUTLER CAA AP CAMOENTON CAMPBELL	2.16 3.35 2.66 2.89	•02	_	•12	•03 •14 •40 •30	.33 .35 .15 .37	.42	.38 T	.01		•13 •07		.03 .03	.16	•01	•03	•53 •53 •78	.75 .02 .02	•22 •40 •35 •25			.13	т	.66	. 1		.04	.31 .08 .05				.45
CANTON L AND 0 20  CAPE GIRARDEAU MO ST CAPE GIRARDEAU CAPLINGER MILLS CARROLLTON	2.01 3.44 3.72 2.73 5.10	.08			•17 •06 •08	.48 .01 .11 .33	.05 .24	.25	• 03		•07	.35	. 46 . 25 . 21	• 53 • 05 • 45	. 87 . 46	T • 28	T 1.06 .74 .64	.96 .03 .32 .09	.03	•04		7	.24	T .01	* 01 T			1.01	.03	•07		
CARTHAGE  CARUTHERSVILLE  CASSVILLE RANGER STA  CENTERVILLE  CENTERVILLE RANGER STA	1.95 5.69 2.24 2.22 2.61	.07			•06	.78 .29 .43	•31	.45 T	.17 T			.62 .03 .10	.70 .64 .24	•12 •11 •24 •25	•03 •01 •11 •15	1.01 T	.50 .77 .69 .68	.67 .01 .14	10 •26	•69	т		1,,,	T .03					•03			
CENTRALIA  CHAOWICK CHARLESTON CHILLICOTHE 2 S CHILLICOTHE RAOIO KCH1	2.68 2.62 2.92 3.12 2.92	•02			• 24	1.43 .64 .05 1.13 1.48	•51	•18 •27 •11		т	т	.16	.38 .23	.02 .02	• 02 • 53 T	.01	.23	.65 T .19 .95	.16				. 35	.10	•15			•01	.05 .10	.04		
CLEARWATER DAM  CLIFTON CITY CLINTON 1 NNW COLOMA COLOMBIA WB AIRPORT R	2.40 2.07 1.93 3.85 2.66	Т			Т	.23 .61 .37 1.23	.02 .10 .23	.21 T	Т		т	.17	.25 T	•18 T T	.06	.04	•92 •52 •45	•10 •90 •30	.18 .02 .05	T			.34	T	. 35			Т				.01
CONCEPTION  CONCOROIA  COOK STATION  CRANE MOUNTAIN  CROCKER	1.88 2.92 2.68 2.28 2.47				Т	.82 1.32 .48 .19	• 3 3	.05	•12		T	T •11	.46 .38	.12 .38 T	.09 .24 .20		•18 •25 •82	.70 .04 .24				T .	•••	•11				• 37	.14			
CRYSTAL CITY 1 N CUBA OEERING OE SOTO OEXTER	2.69 2.78 4.53 2.55 3.33	•29		1	•27 T	.45 .56 .76 .48	•05 T	14 •10 •03 •12	.05			T .83 T	.10 .18	.34 .26 .12 .29	.06 .30 .60	.40 .03		1.35 .17 .39 .44	.15	.01 .60			Т					•01				
ONIPHAN ONIPHAN 2 W EAST ENO EOGERTON EOINA	5.15 4.89 5.28	-	_	-	•15	.30	.03	.09	T	-	.54 ~	.40	1.05	.05 .21 .45	.31	1	1.22	.05	1.29	.06 .21 .35	_	04	.07	-	- 29	_	_	_	- •04	_	-	-
ELOORADO SPRINGS ELIJAH ELLINGTON ELLSINORE ELSBERRY	2.96 3.89 2.94 3.83 2.55 2.71				•43 •21 •11	.51 .27 .32 .40 .01	•23	.17 .02 .22 .05			•65	1.39 .69 .20	•12 •24 •32 •21	.39	.18 .01	1	.88	.19 1.55 .32 .10 .21	.03 .32 .25 .10	.10			•01	.05			•07	.01				.05
FAIRFAX FARMINGTON FARMINGTON CAA AP FAYETTE FISK	2.31 3.04 3.24 3.44 3.48		•12		•24 •37 •07	.64 .41 .03 1.08	*03 T		т		•06	.07	.04 .19	.25 .11 .07	•19 •08	•02 •06	.66 1.06 .82 1.10	•20 •41	.69	•12		.15	1.03					. 96			į	.05
FORSYTH FOUNTAIN GROVE WILOLIFE FREDERICKTOWN FREMONT TOWER FULTON 4 5W	2.90	.08	-	-		- 1.37 .22 .33 1.19	.46	- .06 .06		ī	Ť	- •16 •49 T	- 10 •19 T	- •10 •25 •29 •01	- •14 •19 •05	.02	- •50 •46	.27 .27 T	- •16 •37 •60	т	Ŧ	7	- .47	Ť	- 02	-	-	Ŧ	Ţ	-	-	Ŧ .
GALENA GALLATIN 2 NE GERALO GRANBY GRANT CITY	2.60 3.05 2.60 2.47 3.30					.40 1.24 .51 .21	•14	.13					.20 .09 1.13	.31	*05 T	1	1.09	.12 .44 .28 .04	•12	*12 T		•15 •18		.05	• 03			• 08	.08	т		
GREENVILLE 4 NNW GREGORY LANDING GROVESPRING HAILEY HANNIBAL	2.09 2.04 1.86 2.39 2.91			d		.06 .40 .54 .28	.15	•12 •11 •02 •02 •25			* 05 T	•15 T •73	.16	.30	.31 T .05	.03	.52	.18 1.05 .03 .06 1.28		•09 •32	т	.05	.06	т	• 01			•09				т :
HANNIBAL WATERWORKS HARPISONVILLE HAZLEGREEN 2 W HEPMANN HEHMITAGE	2.42 4.01 2.02 3.09 2.35	.43		Т	• 38	.53 1.60 .37 .95	•17 •17	•22 •07 •07 •12		Т		•13	.22	.31	•0.7 •20 •22			.02 1.02 .06 .81	.01 .10			Т	.02		•23			.10	•01		т	
HOUSTON JACKSON JEFF CITY MAOS JEFFERSON CITY JEROME	3.53 3.83 2.82 2.03	.21	-	-	- *11 T	.06 1.11 .78	- T T	- •25 •20 •15 •07	-	-	-	•27	.35 .04 .02 .05	• 02 • 01	- •64 •18 •05 •13	-01	1.26 .51 .56 .46	- •05 •70 •40 •07	.47	.04	-	-	-	.25	- •03 •40 •29	-	-	-	-	-	-	-
JOPLIN AP CAA 4 N KAHOKA KANSAS CITY WB APT R K CUNIV OF K C KENNETT RAOIO KROA	2.45 2.45 2.98 2.68 4.90	.03			•13 •42 •35 •61	•18 •21 •16 •04	.38 .53 .22 .34	.20	•04		T •04 •03 •35	•06	.66	.30 .31 .08	.60	•25	.20 .49 .38 1.26	.15 1.10 .44 .58	.10	۰05	т	• 30 • 43	•10	т			т	•13	т.		1	.27
PEYTESVILLE 4 NE PIODER PING CITY PIREMILLE RADIO KIRX PIREMILLE COA AP	5 • 43 	1.40	-	-	- •08 •35	1.48 1	21	=	Ξ	- T	- T	:	- T	•02	- T	-	.65	• 22	1.30 - .02 T	:	.16	- -11 -07	1.09 - .05		- T	:	=	=	- .03	=	:	-
POSMPONOMS LA RELLE LAYESTOF LAMAR LAMPE FOREST SERVICE	4.16 2.46 2.24 1.87 3.27	.30				.46 .55 .54 .25	•11 T •72 •02	•10 •32 •23 •04	•24			.66 T	•23 •20 •72 •95	.08	•20 •06 •04	Т	.09	.10 1.15 .37	•05	.58 .01 .57		•03	.10		• 08			•14 •01 T	Т		1	
LATHPOP 3 SH LEMANON 1 FHE LEXINGTON	2.26 3.93	- 09 T	-	-	-	- •43 1•29	T . 14	.18	-	-	т	•42	.07	- • 29 • 44	-07	-	1.05	- T .00	- •11 •04	.03 .04	-	- т	- 31		т	~	-	T T	-	-	-	-

## DAILY PRECIPITATION

MISJORI My 1933

Table 3—Continued																															MAY 19	
Station	Total	1	2 3	3	4	5	6	7	8	9	10	11	12	Day 13	y of m	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29 3	0 3	1
LICKING 4 N LIMMEUS 2 S LOCKINGOO LOUISIANA STARKS NUR LOUISIANA	1.98 1.73 4.03 3.05 3.26	•17 •52			.18 1	•35	.21 .19	.09 .42 .10 .27	.04 .04				•21	• 26 • 55 • 06	.18	1	.79 .37 .57 .79	•01 •06 •07 •10 •56	.06				•10 •05	.09 .02 T				T 1.55	т			
LUCERNE MACEDONIA LOOKOUT MACON WADISON MACON AA AP	2.21 3.19 2.89 3.36 3.15	•22 •10 •25			1	.08	.32 .04 .33	.15 .07		T	*21	T •04	.18	•03 T	.07 .48 .14	.84	•26 •01	•11 •67 1•14 •52	.05	.40 .05		.66	•33 •45		Т		т	Т	·•01	Ť		
MANSFIELD MARBLE MILL MARSHALL MARSHFIELD MARTINSHURG	2.36 3.02 2.79 2.34 3.60				•01 1 •14	.25	. 34	.17 .06				•30	•22 •46 •33	.36 .08 .33 .22	.30 .42 T	.06	.42 .95 .61 .86	.05 .17 .30 .02	• 05				•17 •23		•18			• 15			т	
WARYVILLE WEMPHIS WERCER 8 NW MEXICO MIDDLETONN 5 NE	2.02 2.54 3.00 3.47 3.48	•22	•04	•	1	•41	•12 •28 •64 •05	.09			•05	•52		•68	•13 •04		.08 .36 .28	.48 .80 .63 .89	.35 .11 .25	Т	•12	•52	.05 T .09	ন	• 03		Т	•42			03	
MILAN MORERLY RADIO KNCM MOMETT MOMROE CITY MOREMOUSE	2.77 3.19 2.62 3.02 2.52			14	•14	• 28	•28	.13		T •02		•76 •29	•25	•18 •12 •01	T •12 •37	. 87	.64 .89	•10 •29	.70 .18			• 31	.75 .15		. 45			•18			•	03
MOSELLE MOUNTAIN GROVE 2 N MOUNT VERNON 3 SW MEOSMO NEOSMO	3.90 1.91 2.31 3.78 4.36	.04	T 7	1	•08 T	•16 •24	.23	.25 .17 T .24	•02		T T	.30 T T T	.27 .67 1.23	•17 •09 T	.40 .10	•19 •06 •52	1.00 .48 .87 .83	•02	1•10 •83 •32				т	т	• 35			•15 T				
NEW ROSTON NEW FLORENCE NEW MADRIO WOYINGER 1 E OATES TOWER	3.21 2.81 4.79	•13 T	: :	1	•15 T	•92 •46	•92 •03	.05 7 .22	.42 -	-	:	.0B	T •40	•06 •04 -	T T •15	.56	1.10	.41 .22 .63	.39	• 56	:	• 50	•10 •31	T 	=	Ξ	Ξ.	-	- 09	1 1	=	
ODESSA OREGON OSCEOLA 3 NE OWENSYTLLE OZARK	2.69 3.17 1.54 2.30	-			-04 1	.81 .45	•18 •52 •08 -	.01 .08	-	-	-	.04 .02	•14	•01	T •04 -	-	•20 •55 •90	1.20 .45 T	- 19	-	-		-	-	•06	-	-	T .58	• 72		-	
OZARK BEACH PACIFIC PALWYRA PARIS PARWA	2 · 47 2 · 02i	- •18 •08			-	•35 •81	- .os	- •08 •07	-	-	-	79	-	- •08 - •05	- •25 •08 -	- - T	1.24	- T •84	- •24 •02 -	- T .02	-	-	- • 05 -	-	- 05	-	-		-		-	
PERRYVILLE RIERCE CITY PLEASANT HILL POLO POPLAR GLUFF	3.50 4.00 3.21 2.73 2.96	•64		1.	•32	.80	•35 •18 •04	T •25 •20	•01			•13 •15 •32	T •85	.38 .10 .30	•35 •05	•13	.55 1.25 .31 .96	•18 •05 •93 •85 •21	•98 •02 •09	.38		•16		τ	T • 15			•91				
PORTAGEVILLE PRINCETON PUNICO QUEIN REYMOLOS	1 · 86 3 · 26 3 · 63 1 · 98	-		.   .		.80 .13 .21	•21	- •16 •14	-	-	-	•17 •85 •33	.36	- •03 T •30	- •59 •30 •10	- •05 •07	- 1.26 .77 .60	- •36 •12 •12 •32	- •25 •77	- •09 •10	-	•48	-	-	-	-	.01	-	-		-	
RICHWOODS ROBY ROLLA SCHOOL OF HINES ROUND SPEING SAINT CHARLES	2.12 1.84 1.91 2.77 2.55	•24					•02¦ T	•12 •15 •06				T •16	•19 •13 •63	•15 •22 •25 •46	•30 •18 T	             	.80 .51 .53 .80	•09 T •20 •79	.42 .05 .41	• 05					• 43							
SAINT JOSEPH WR AP R SAINT LOUIS WB AP R SAINT LOUIS WB CITY R SAINT LOUIS UNIV SAINT LOUIS WASH U	2.71 1.77 3.37 3.53 2.96	Т			•19 •36 •17	•22 •45	.03 .04 .06	T T T			•02 T		T T 7	.03 .15 .29 .32	T .02 T		.57 1.05 1.60 1.54	•30 •03 •27 •42 •69	. 55		•06		T T	.02 .09 .32 .25	.12		•16	•34		Т	Т	
SALEM SALISBURY SANERTON L AND D 22 SEDALIA SELIGMAN	2.86 4.51 2.41 2.81 2.77	•12 T •13		•	•02 1	.05 .75	T •23 •02 T •12	.07 .13 .28 .14				•02	•12	•22 •07 •15	.07 .03 .03	1	• 57 • 61 • 04 • 36 • 45	•12 •53 •62 1•10 •05	•16 T •02 T	*11			.33						т			08
SEYMOUR 4 NNE SMELBINA SMELRYVILLE SIKESTON SIKESTON CROP EXR FARM	3.49 2.37 2.78 2.47 3.23				. 03	•16 •85	.08	.10 .05			•15	•18 •13	•34 •29 •25	.68 .45 .02 .05	**************************************	.65 .22 .01	.75 .64 .15 .62	.06 .28 .14	.08 .12 .67	•03		.14	T •63					1.14	Т	•05		
SILOAW SPRINGS SPRINGFIELO WB APT R STEELVILLE 2 N STEFFENVILLE STOVER	2.\$3 4.50 2.73 2.56 1.69	.04			• 25	.49 .60	.10 .10	.11 † .05	7	Т	т	•22	•71 •53 •07	.23 .11 .32	•01 •27 •06	.30	.74	T 1.02 •41	.79 .07	•13 •16		• 37	T •10	т			2.61	*19 T				
SULLIVAN 5 E SUMMERSVILLE SUMMER 2 SW SWEET SPRINGS TARKIO	2.71 2.13 3.21 3.03 3.73	•38	•03		.10 1	.03	•01 •56 •32 •07	.08 .07 .11	•03	т	т	•32	.19	•39 •21 •12 •26	•21 •06 •07		.76 .55 T .56	•13 •76 •76 1•51	•06 T	•01		. 24	.37	т	T .06		•25	T	т	т	т	
TECUMSEH 2 N TOPAZ 4 NE TRENTON TROY UNION 1 SE	3.94 2.17 2.81 2.81 2.11	.75			1	•36 •62 •06 •55 •46	• 3 7 T	.38 T T .07	7 •03		•02	.43 .15 .07	.60 .75	.10 .06	•09 •02 •25 •19		•32 •55 •65 •72	.23 .50	•02 •12 •01 •23	•46 •05		<b>4</b> 43			•14			.86 .05 .06	• 29			
UNIONYILLE VALLEY PARK VAN BUBEN VANDALIA VANZANT 4 SE	2.97 2.55 1.09	•14 •08	.04		-	•52	•48 •01	•11 •09 •08	•15 - •10	-	•02	. 05	.78	.03 .15 -	19 •20	.02	•22 •29 -	•11 •97	•35	-	-	- 31	•01	-	•03 •17	-	-	T .03	π -		-	
WERSAILLES VICHY CAA AP WACO WAPPAPELLO OAM WAPPENSBURG CENT 7 C	3 • 11 1 • 76 1 • 85 3 • 39				•08 63 •06	.03 .11 .07	·13 ·04 ·21	.44 .20 .08 .07	7		т	•01 •17	.08 .85 .39	.09 .42 .04	T T *54	.07	1.05 .43 .46 1.32 .49	.19 .05 .06 .86	.02 T .02 .33	• 33				•55 T			-				• 6	09
WARRENTON 1 N WARSAW NO 1 WARSAW NO 2 WASOLA WAVERLY	2.38 1.81 4.09 2.18	-		:		.44	.06	7 - •20 •32 •06	-	-	-	- T •07 •02	- •06 •39	•23 •01 •25 •22	T •13 •04	- т	1.15 -40 .48 .10	T •09	.10	.34		т	.20 .30	Ţ	- •43 T	-	-	- T 1•70	- T		-	
WAYNESYILLE 2 W WERSTER GROVES WEINGARTEN WEST PLAINS WILLIAMSVILLE	2.26 2.83 3.01 3.89	.04		١.	• 17	•62	•02 •25	.01 .05 T	т		T .78	.08 .36	.16 7 .20 .87 1.39	.34 .30 .25 .02	.02 .25 .09 .48	.05	. 75 . 48	.02 .29 1.10 .13	.08 T	.03			т	•30			•10	т				
WILLOW SPRINGS WINDSOR 3 NW ZALMA S E	3.50 3.03 3.86	•06					.78	•13 •12 •06	.15			•03 •12	•16 •47	.40 .10 .02	.07 .03 .97	•05	1.50 .43 1.42	.05 1.34 .11	•15	•01					•01			.18	т			

Table 5										A.	Ш		LI	11.	ER																	MAY	1953
Station			_										<sub>[</sub>		,	-	Oi																Prage
AOVANCE SESE	MAX	81	79	82	73	5 66	6	7	75	79	83	74	75	13	14	62	16	81	77	79	81	85	22	82	92	90	97	89	86	29	92	95	79.7
ALBANY	MIN	50	45	45 56	59	51 56	57	45 71	44 76	81	54 78	60 77	57	43 53	41 65	48	56 72	59	56	57	78	65	70	60	87	70	70	63	53	54	71	67	55.0
AMITY	MIN	45		40	39	49	47	39	42	56	63	42	43	36	38	38	55	53	42	41	55	56	55	53	59	74	63	60	59	66	75	54	51.2
	MIN	58 45	56 40	53 38	58 38	52 47	45	67 40	45	56	61	45	70	37	40	41	72 55	62 50	73	76 48	79 56	58	80 57	76 52	86 59	93	90 69	61	81 58	90 66	91 75	61	73.0
ANOERSON 1 SW	MAX M1N	77 48	71 38	69 36	65 50	62 48	58 47	67 40	76 36	83 51	79 67	80 41	64 56	58 46	67 43	73	69 56	78 48	78 49	78 49	85 51	86	89 75	88 71	69	8 <b>7</b> 72	92	63	63	90 60	73	92	77.7
APPLETON CITY	MAX	73 50	70 50	66 38	60 47	57 48	59 43	68 47	79 44	83 52	80 64	80 43	70 56	56 41	69 40	69 42	79 44	75 56	73 55	78 50	85 57	63	89 75	87 57	88 65	90 73	94 69	92 66	85 62	92 65		91 65	77.9 54.8
ARCAOIA	MAX MIN	85 46	77 45	81 39	78 52	64 50	62 49	68 48	76 40	79 41	82 60	72 58	68 56	62 42	56 40	69 49	78 55	80 58	79 45	78 50	81 52	86 65	92 72	85 60	90 62	92 70	96 68	90 65	85 51	92 51	90 69	94	79.6 54.1
BETHANY	MAX	60	54 41	55 40	60 39	56 37	56 47	69 49	75 43	81	77 64	77 44	74	53 36	64 38	75	74 55	63 53	75 43	78 41	79 56	78 56	77 53	76 52	87	95 75	92 64	75 60	78 58	92 67		97	74.0
BIRCH TREE	MAX	83	76 42	78 39	77 51	64	60	67 45	77 40	78	79 60	71 59	65 58	61	64 41	66	7 <b>7</b> 54	80 58	78 54	78 57	81 57	84	88 72	85 64	87	88	94 63	92 68	83 61	89 53	92	91	78.5
BLACK 6NW	MAX	85	75 40	80	75 40	64	61	66	76 42	79	81	75	67 59	62	63.	72	78	82	75	79	81	87	91	88	91	91	95	92	88	92	91	93	79.8
BOL IVAR	MAX	76	68	66	64	56	56	67	74	81	60 75	60 79	66	57	38 65	74	71	56 75	73	52 77	50 84	87	72 90	83	87	74 88	72 93	89	50 85	90		92	76.7
800NVILLE WAŢERWKS	MIN	71	45 75	65	48 62	49 58	51	48 56	68	75	65 81	47 80	77	63	42 45	66	57 75	56 63	55 68	52 72	59 76	80	72 83	65 83	70	71 90	71 90	93	73	65 83	71	89	73.3
BROOKFIELO	MIN	50 65	60	41 59	61	48 55	46 58	70	46 80	51	58 78	48 80	53 76	42 56	40 68	43 78	50 75	54 61	50 76	51 81	57 83	65	64 81	53 75	57 93	69	72 97	65 90	58 82	57	68 96	70	53.5
aRUNSWICK	MIN	47	37	42	43	48	47	43	46	46	54	46	51	37	43	47	55	44	55	55	57	62	50	51	59	72	73	63	59	65	61	64	52.3
	MIN	73 49	63	63 41	59 42	60 46	51 47	46	67 46	76 50	62	81 45	50	40	40	63	75 47	61 54	50	73 50	76 56	62	80 59	75 53	72 55	88 72	90 72	92 65	74 60	80 61	91 71	63	72.4
BUTLER	MIN	70 52	70 42	66 39	61 45	54 49		66 46	75 45	57	81 63	75 45	75 55	55 40	65 40	76	73 58	72 57	71 57	78 51	83 58	85 64	87 76	76 58	87 66	90 75	93 71	88 65	86 63	91 67	90 76	67	77.0 56.4
BUTLER CAA AP	MAX M1N	69 51	68 43	65 39	57 44	54 46	59 47	66 47	73 45	81 54	77 50	74 43	50	51 41	64 40	74	70 57	73 56	71 55	77 52	84 58	85 63	87 62	70 58	86 66	89 74	93 71	80 63	87 61	91 67	91 72	90 66	74.7 54.4
CAMOENTON	MAX	80 54	71 46	71 42	70 48	53 45	51 43	68 45	77 44	80 45	81 46	84 47	77 56	56 46	67 42	77 46	73 56	76 56	71 51	79 50	86 59	91 67	90 70	88 61	88 54	93 66	94 72	91 65	87 57	93 58	92 72	92 67	78.9 54.1
CAMPBELL	MAX																																
CANTON L ANO 0 20	MAX	71	62	60	60 38	58 47	62	69 46	76 45	74	82 58	77 47	69 55	56 40	64	72	67 55	65 55	74 45	75 42	78 56	79 63	71 52	67 47	88	91 68	90 69	72 55	77 55	90 62	91	92	73.5 51.3
CAPE GIRAROEAU MO ST	MAX	81	77	80	77	64	69	65	74 47	78	83	72	74	69	52	61	80	81	78 57	78	81	83	85	83	91	90	94	90	81	93	92	94	79.0
CAPLINGER MILLS	MIN	75	53 70	50 67	52 64	56	56	48 68	75	81	57 79	62 78	70	58	67	76	56 74	61 74	73	77	56 84	88	72 92	81	88	71 89	70 93	89	58 85	90	71 90	92	77.4
CARROLLTON	MIN	68	43 64	61	47 59	48 52	45 57	48 68	40 75	82	82	42 76	57 68	43 55	63	75	68	54 69	56 75	47 79	57 81	82	77	64 75	89	73	68 92	85	65 82	65 93	72 94	88	75.1
CARTHAGE	MIN	48	70	38	37 62	48 56	47 59	46 66	45 75	52 83	60 79	43 77	51	38 56	43 62	71	56 73	53 77	48	47 78	54 85	62 84	69 91	53 88	63 85	73	70 92	64 89	61 87	90	73 90	92	53.3 77.0
CARUTHERSVILLE	MIN	54	80	39 82	47 80	47	70	46 66	41 73	58 76	66 83	80	53	43 71	42 S	62	55 80	52 79	55 77	50 77	57 81	67 83	75 85	69 85	65 90	73	69 94	65 89	66 85	64 95	74 93	67	56.0
	MIN	56	51	54	62	55	55	52	50	53	59	61	61		47	51	60	63	65	62	60	67	72	73	73	74	67	73	62	66	75	68	61.6
CHARLESTON	MAX	83 55	83 52	83 52	78 59	66 54	70 49	69 50	74 48	78 48	84 57	73 62	77 61	71 48	53 45	51	59	63	76 61	60	83 59	66	88 74	84 65	93 66	95 72	98 72	95 68	58	57	95 76	69	81.1 59.2
CHILLICOTHE RADIO KCHI	MAX	62 47	58 41	57 39	58 36	54 46	56 47	68 44	75 46	81 55	80 62	75 43	74 49	55 39	62 43	75 41	73 57	63 56	73 46	77 45	79 50	78 59	78 57	77 51	87 55	91 75	91 69	88 62	80 58	91 65	93 75	91 56	74.2 52.1
CLEARWATER OAM *	MAX	88 49	83 46	84 42	83 54	68 50	67 40	68 47	78 43	79 45	84 55	76 60	70 57	66 45	59 42	63 48	82 55	85 58	84 55	80 56	83 54	86 65	92 72	90 63	93 61	93 69	97 64	97 68	36 56	94 55	93 65	96	82 • 2 54 • 8
CLINTON 1NNW	MAX	70 48	72 45	69 39	64 46	56 49	55 46	57 48	67 41	75 47	82 67	79 41	76 58	60 43	46 42	66 40	75 55	<b>69</b> 55	72 54	70 48	78 58	84 62	84 72	87 58	88 59	88 60	88 67	91 66	86 62	90 67	90 74	90 63	75.0 54.2
COLUMBIA WE AIRPORT	MAX	78 52	67 45	65	60 47	52 45	57 46	68 45	75 49	80 53	80 56	76 48	67 53	54 41	65 42	74 47	64 56	71 53	73 50	77 51	82 59	85 69	86 58	69 53	90 65	91 73	93 71	73 63	81 58	92 62	90 72	85 68	74.8 54.6
CONCEPT ION	MAX M1N	65	54	54	60	58	58	68	74 46	80	77	76 46	77	53	62	77	77 54	64 52	71 45	76 48	78 56	80 53	77 54	79 54	87 59	93 68	94 66	88	79 57	89 67	89 75	89	74.3 51.4
CRYSTAL CITY IN	MAX	87	73	81	64	67	66	69	72	78	85	79	74	65	57	69		80 55	74 51	80	82 53	90	92	88	92	94	96 71	95 63	83	93	92	94	80.4
OONIPHAN	MIN	88	79	84	50 75	67	69	70	79	81	84	53 71	72	63	60	60	85	84	79	80	84	86	89	В7	92	91	97	87	86	94	93	95	81.0
EOGERTON	MIN	47	41	42	53	50	38	49	40.	40	55	60	57	45	43	49	50	59	56	57	51	66	73	66	60	70	65	69	59	55	65	60	54.5
ELOON	MIN	7.8	68	69	67	55	66	68	75	82	79	77	73	59	66	74	69	73	71	78	84	89	90	77	90	90	93	90	84	90	89	87	77.4
EL SBERRY	MIN	52	45	41		63	47	48	49	53	65 75	49 85	47 78	42 72	41	60	56 74	56 78	50 73	50 75	58 78	67 80	73 86	56 88	72	74	74 93	64 95	58	60 79	72 94	77	55•8 76•1
	MIN	70 60	50	39	45	49	41	42	42	47	56	47	61	45	42	45	56,	55	46	47	56	60	62	48	63	70	75	55	59	59 91	67 90	68	53.5 78.6
FARMINGTON	MAX	84 50	74 48	80 43	71 49	63 50	65 42	67 46	74	78 45	59	75 56	70 57	42	56 40	67 49	i	76 58	75 52	78 53	55	66	71	83 57	63	91 71	95	62	82 54	54	51	67	53.9
FARMINGTON C	MAX	83 52	73 45	80 40	57 50	63 46	64 40	67 45	74 41	77 43		72 56	71 57	58 43	55 41	65 50	78 57	75 55	73 51	77 54	78 55	85 67	63	68 59	89 64	72	95 71	76 59	80 55	89 55	89 69	67	76.1
FAYETTE	MAX	75 47	65 44	<b>62</b> 38	58 45	52 47	56 43	75 45	81 52	82 60	80 61	78 44	70 54	55 37	64	75 39	68 55	71 53	73 49	75 48	81 55	83 66	82 60	71 51	90 65	89 72	92 73	86 64	81 58	91 63	89 71	84 65	75•3 53•6
FOR TAIN CROVE WILDLIFE	MAX	65		58	. 59	56 42	56 42	69 39	75 38	80 52	80 57	76 43	74 45	56 34		75 37		63 47	73 40	76 40	80 51	80 56	78 51	72 46	88 55	89 68	90 73	75 58	76 56	90 60	90 69	85 54	73.6 47.9
- LT9% 45N	XAM MIM	72		67. 39		62 49	54 44	57	68 47	77 50		81		68 39	47 40	67 42	75 53		70	72 52	77 50	81	86 69	87 51	75 56	90	90 71	96 64	78 54		91 66	91	75.1 53.1
	1	1		23		7.7	7.79	74	71	-	-1			- 73																		1	

Table 5-Continued									D	A	LLY	T	EN	API							_		-									MAY	1953
Station		_														Day	Ot	Mon	th														erage
GRANT CITY	MAX	1	2 56	62	61	59	6 58	70	74	79	76	75	12	13	14	74	16	63	73	19 75	77	2l 75	77	23	86	95	26	70	78	90	90	31	72.8
GREENVILLE 4 NNW	MIN	40	41	40	40	47	46	42	43	55 79	59	56	40 69	34	38	62	51	50	45	45 81	56	55	51	50	57	72	65	55	56 85	66	74	60	50.7
	MIN	87	81 43	40	81 55	52	41	49	42	42	54	54	58	46	43	51	58	58	55	55	53	63	75	64	63	67	69	68	57	54	62	62	54.8
HANNIBAL WATERWORKS	MIN	78	62 43	64	61	52 47	60 42	68 45	75 51	53	82 58	76 49	52	52 40	63 40	73	60 55	70 51	72 47	76 50	81 56	63	69 53	69 50	60	91 70	91 66	73 55	<b>7</b> 7	91 60	90 71	90 65	73.6 52.8
MARRISONVILLE	MAX	68 51	67 41	63 37	60 41	5 <b>8</b> 38	59 45	67 44	73 45	80 45	78 58	78 45	71 56	56 38	62 36	73 44	90 55	71 51	72 53	77 51	82 57	82 61	84 66	78 56	86 61	73	91 68	86 62	85 58	89 75	90 74	87 67	75.9 53.3
HERM IT AGE	MAX	76 46	69 38	67 35	65 43	· 57	58 45	67 45	75 36	82 44	80 65	79 38	70 56	59 42	68 41	77 38	72 55	74 54	75 48	77 44	83 50	61	91 71	82 61	88 61	89 70	94 66	90 67	86 60	90 55	89 70	91 61	77.7 52.1
HOUSTON	MAX						İ																										
JACKSON	MAX	82 52	81 45	81	79 53	66 54	71	69 46	75 43	80 45	84 56	77 63	73 60	70 45	53 43	62 50	81 57	83 61	79 55	81 60	83 53	87 66	88 72	84 61	92 61	92 70	98 70	96 <b>6</b> 5	86 56	95 55	93 69	96 68	81.2 56.2
JEFF CITY KNOS	MAX	80	69	70 38	64	53 50	55	68 47	75 44	82 52	81	77 45	72 58	60	68 42	73	69 57	70 56	72 47	78 48	83 55	86 69	89 72	72 55	91 64	91 72	93 74	85 66	82 58	92 58	90 69	88	76.7 55.0
JOPLIN CAA AP	MAX	72	69	66	58	56 48	58	64	73 46	83	80	79 50	63 52	52 44	63	71	71 56	75 55	72 58	77 52	8 <b>5</b>	90	93 70	86 70	88 70	89 75	94 72	84 68	90 68	92 67	90 76	94	76 • 7 57 • 8
KANSAS CITY W8 APT	MAX	64	64	60	57 43	52	59	68	74 46	83	78 55	77	65	49	61	75 45	62 57	68 55	<b>7</b> 2 52	78 53	84 62	80 62	79 62	67 58	88	92 77	91 74	76 64	87 62	93 71	91 75	85	73.5 55.3
K C UNIV OF K C	MAX	65	64	61	58	53	60	69	74	83	79 60	75 43	63	55 38	62	75	70 56	70 54	72 52	79 50	82 56	82	81	78 56	87	91	93	85	86	93	91	86	74.9
LENNETT RADIO KBOA	MAX	83	81	82	81	67	70	70	78	80	85	70	73	70	57	61	82 58	81 64	79 65	79 62	84	85	88 73	88 68	94	93	97	97	91	68 98	75 96 74	97.	53•7 81•8
KIDDER	MIN	56	51	52	64	53	49	51	49	51	60	62	61	54	46	52	,,,	04	05	02	01	00	13	00	13	/1	70	13	61	61	/*	68	60.7
KIRKSVILLE RADIO KIRX	MIN	63	55	59	63	56	56	69	75	77	81	75	69	53	63	73	71	60	72	76	79	75	71	67	88	91	89	73	77	91	92	92	72.6
KIRKSVILLE CAA AP	MIN	63	41 55	36 57	34 61	46 52	56	38 70	45 75	51 77	58 ,81	46 75	60	35 47	64	73	50 60	53 60	71	74	46 79	77	51 70	48 65	57 87	71 89	90	70	53 78	90	68 92	91	49•2 71•3
KOSHKONONG	MIN	76	40 76	35 81	36 81	67	67	41 69	46 76	51 78	53 78	<b>45</b>	65	37 63	41 61	61	53 75	47 79	42 79	48 78	53 79	80	52 90	90	57 86	72 89	95	55 95	54 83	59 91	68 91	94	49•5 78•6
LAKESIDE	MIN	73	50 78	70	70	64	56	49 57	48 69	51 77	60 84	61 80	57 80	48 66	43	70	76	60 72	57 76	57	59 80	85	73 91	67 90	67 75	69 93	69 92	70 95	60 79	60 86	70 93	66 92	57•7 77•1
LAMAR	MIN	69	48	39 70	65	50 59	49 56	47 57	42 67	47	60 84	44 79	51 77	46 64	42 47	65	43 72	56 74	48 76	47	53 79	66	71 88	59 91	62 78	72	69	93	57 80	54 88	69 92	63	53.1 75.5
LATHROP 3SW	MIN	52	41	40	47	48	44	47	42	57	64	45	58	44	42	45	56	56	57	52	50	53	70	67	67	73	69	67	65	65	,71	68	55.5
	MIN			7.0			60	71	78	84	76	79	68	54	69	74		7.	7.0	70			0.0	0.5							00	2	77.8
LEBANON 1 ENE	MIN	53	46	40	47	48	60	42	56			44	54	44	40	46	69 56	76 56	73 52	79 49	82 58	63	9 <b>0</b> 69	85 62	67	70	92 72	86 67	60	90 59	71	67	55 • 2
LEXINGTON	MAX	52	63	41	61 41	61 45	52 47	57 46	69 49	76 55	63	48	76 51	58 39	39	45	77 55	61 54	51	75 51	79 58	63	60	79 55	74 59	90 74	92 73	95 65	<b>7</b> 5	87 63	94 76	92 71	73.7 54.6
LICKING 4N	MIN	75 52	81 50	72 42	76 51	60 49	45	56 49	65 49	79 52	78 61	80 56	76 57	68 42	47	68 42	72 52	73 59	61	60	78 59	67	85 71	91 60	66	90 69	90 74	96 66	85 58	83 63	85 70	72	76.4 56.9
LOCK WOOO	MIN	74 57	69 43	67 46	60 50	59 41	57 41	68 48	78 43	79 53	79 65	77 45	69 54	56 44	65 43	71 46	73 57	79 54	74 52	78 <b>5</b> 2	84 60	63	92 74	82 66	87 68	89 70	94 70	63	87 65	90 64	89 73	93 63	77.3 55.9
LOUISIANA STARKS N	MAX	80 48	66 42	67 36	67 44	<b>56</b> 48	63 45	72 42	77 43	79 47	83 61	76 47	79 47	62 42	65 42	75 40	74 56	73 55	72 47	77 44	82 52	86 69	84 60	73 50	91 63	92 70	96 70	83 58	80 56	92 56	91 68	90 62	77.5 51.9
MACON	MAX	71 46	68 42	60 39	59 39	59 48	49 46	57 43	69 48	75 52	78 58	81 49	76 55	63 39	47 38	63 43	74 51	60 52	67 47	71 48	75 55	80 63	81 55	73 49	67 56	89 64	90 71	91 60	71 55	80 58	90 69	91 64	71.8 51.7
MALDEN CAA AP	MAX	85 55	77 52	81 54	65 55	67 53	69 49	69 50	76 50	79 51	85 56	71 60	77 60	65 46	55 44	62 51	82 60	82 62	77 61	78 61	85 60	85 68	89 73	81 65	93 67	93 71	96 73	85 65	90 59	97 59	95 72	95 66	80.2 59.0
MARBLE HILL	MAX	84	83 42	82 41	81 53	67 52	67 40	66 45	77 41	79 41	83 51	71 62	<b>7</b> 2 58	68 39	56 42	62 50		83 59	79 52	8 <b>0</b> 56	81 50	85 65	86 72	84 62	90	91 69	97 66	93	86 59	93 52	92 63	94	80.4 54.0
MARSHALL	MAX	63	63	60 37	56	51 48	56 44	67 43	75 45	54	79	75 43	73 54	55 40	64 42	77 45	72 56	68 54	<b>7</b> 5	77 49	82 67	83 63	82 62	75 54	90 64	93 76	93 71	91 66	81 62	93 64	91 65	68	75.0 54.3
MARSHF1ELO	MAX	78 54	69	68	65 48	60	56 43	65 45	74 42	78 54	77 63	78 47	68 54	55 43	66 40	72 47	69 55		74 53	77	81	87 63	89 70	86 63	88 65	89	93 68	94 67	83	89 62	88	91	77 • 0 55 • 4
MARYVILLE	MAX	52	49	50	57 35	<b>53</b>	57	68	73 44	80 54	77 59	76 40	68 37	48	61 35	74 40	69 51	62 49	71 46	76 47	77 54	74 50	78 52	74 53	86 56	96 71	91 65	72 57	79 55	89 65	91 72	89 <b>5</b> 9	71.5 49.1
MEMPHIS	MAX	72	63	36	59	67	50	58 43	74 47	79 50	80 53	83 43	78 51	60	50 38	68	75	63	46	73 45	76 44	79 59	75 51	66	67 50	91	90	54	80 55	91 57	93	90	73.2
₩E×1CO	MAX	73	44	66	68	64	62	60	70	76 52	82	83	79	68	47	65	76 56	65	72	72 48	78 51	83	85	82 50	78 59		92 74	94	76 56	83	92	92	75 • 8 53 • 4
MOBERLY RADIO KNON	MAX	71	69	58	61	50	58	69	74	79	81	76	70	57	63	73	66	70	71 41	75	81	81	78	69	90	90	92	85	76	90	89	88	74.2
MONETT	MAX	68	70			64	54	56	70	77	76	76	71	63	39 47	60	67	72	81	75 53	55 79	85		88	63 87	88	89	92	81	62 87	72 90	92	74.9
MOUNTAIN GROVE 2N	MIN	78		73	68	59	55	63	74	76	75	48	65	63	68	67	72	79		53 75	80	83	76 88	70 89	87	88	93	92	81	89	72 88	90	76.7
MOUNT VERNON 35%	MIN	52 74	48 69	67	51 61	48 54	55	66	46 73	53	78	49 76	57 65	53	63	68	69		77	55 77	58 84	ø4 86	69 89	63 88	67 85	87	92	67 87	5.8 8.5	90	70 89	68	56 • 1 76 • 1
NEOSHO	MIN	52	70	40 71	48 66	47 59	45 58	<b>4</b> 7	<b>4</b> 0 76	53	64	<b>43</b>	53		<b>42</b> 63	70		51 79		52	55 86	61 87	73 90	67 89	6 <b>4</b> 89	71 87	55 92	65 91	64 87	64 90	72 88	65	54.5 77.8
NEVADA	MIN	52	39 72		50		46	67	39 76		69	49	72	46	42	46	55	48		78	56	65 90	75 90	70 87	65 89	74	68 97	<b>6</b> 8	65 89	65 92	73	63 95	55 · 8 78 · 6
NE# FLORENCE	MIN	55		42	47	48	46	48		52	65	48	57	42	43	48	57	57		53		65	76	64	69	74	71	65 86	65	66	75	69	57.2
	MIN		44			48	42		48			47							50		58	68			62		72				71		

l'able 5-Continued												-		11 1	_																-	MAY	1953
Station												1		[			Of		1	••		01			-	00						-	Perage
OREGON	MAX	55	53	55	57	53	60	67	72	80	79	76	70	13	63	15 75	70	62	70	75	80	78	79	75	86	95	90	83	82	29	89	31	72.7
OZARK BEACH	MIN MAX MIN	42	41	43	39	43	41	47	48	56	54	48	40	37	39	44	54	52	45	53	60	54	56	53	58	76	69	60	58	70	74	72	52+3
PERRYVILLE	MAX	85 49	82 45	78 43	77 51	66 52	68 42	67 48	73 44	77	83 55	77 58	71 58	68 42	53 40	63	80 56	80 57	75 52	78 55	81 55	85 67	86 72	86 59	90	88	96 68	94	82 55	92 52	92 69	95 66	79.6 54.7
POPLAR SLUFF	MAX	79 50	84 46	78 46	83 56	75 53	66 44	68 49	70 44	77	79 55	83 61	71 59	<b>75</b> 57	65 49	65 52	62 55	82 59	81 60	78 59	80 55	82 67	85 74	87 65	82 62	91	90 69	95 70	90 58	87 57	93 70	92 65	79.8 57.5
PORTAGEVILLE	MAX												-																				
PR INCETON	MAX M1N	61 44	55 43	56 38	62 37	61 48	56 47	70 39	77 42	87 38	80 47	79 42	76 44	56 36	66 39	77 39	66 52	63 54	74 42	79 40	81 56	80 56	77 53	75 48	90 58	95 58	97 63	83 61	82 59	93 65	94 75	91 54	75.5 48.9
ROLLA MO SCH MINES	MAX	76 52	82 47	71 45	75 48	58 49	58 45	57 48	66 47	75 50	81 63	81 49	79 58	71 45	47 40	67 46	72 55	71 58	79 52	70 53	78 61	83 67	89 71	90 60	80 62	91 71	92 70	94 67	77 55	85 58	93 70	91 69	76.7 55.8
SAINT CHARLES	MAX	87 51	73 48	77	70 50	64 52	65 44	71 49	78 48	80 51	85 60	79 53	76 53	65 41	61 42	75 49	75 58	78 58	76 52	79 55	82 58	92 72	93 69	75 57	92 65	96 71	100 74	86 68	83 59	96 62	95 71	94 71	80 • 6 56 • 6
SAINT JOSEPH W8 APT	MAX	59 46	54 43	56 41	59 40	53 47	60 47	68 42	74 44	82 58	78 52	78 45	62 43	47 39	63 43	76 41	62 56	63 52	72 47	78 47	82 59	76 59	79 59	70 56	88 61	95 76	92 65	70 61	84 60	91 70	92 64	89 58	72.6 52.3
SAINT LOUIS WB APT	MAX	84 53	71 49	74 45	62 49	61 47	66 44	68 49	76 50	80 56	85 60	78 56	73 57	57 43	59 41	72 51	72 58	75 5 <b>7</b>	74 53	78 56	81 59	89 71	90 59	72 57	91 64	93 72	98 72	77 60	82 59	93 60	92 73	92 71	77.9 56.5
SAINT LOUIS W8 CITY	MAX M1N	86 57	71 53	75 49	63 52	62 52	64 49	69 53	73 55	78 58	83 59	75 60	73 59	59 42	58 41	68 53	72 58	76 59	72 55	77 59	81 60	90 72	90 61	73 58	91 64	94 71	98 75	77 61	79 60	93 60	93 75	93 75	77.6 58.5
SAINT LOUIS UNIV	MAX	86 57	72 52	74 49	68 52	62 53	65 48	68 53	73 54	79 58	83 60	75 60	73 63	64 42	57 42	67 53	73 58	75 60	73 55	78 59	81 61	89 72	91 75	75 58	91 64	94 72	97 76	89 61	79 60	93 60	94 74	91 74	78.4 59.2
SAINT LOUIS WASH U	MAX				51	63 53	63	67 50	68 49	75 51	80 59	85 56	76 63	74 46	48 42	61 43	72 58	71 59	77 53	73 - 56	79 59	82 70	90 74	92 58	74 61	92 71	95 74	97 61	77 60	82 59	95 69	93 72	77.8 57.9
SALEM	MAX	75 55	82 46	72 41	77 44	. 59 49	62 44	58 47	66 44	75 47	81 60	82 51	77 56	70 45	48 41	66 42	72 52	76 57	81 53	73 52	78 58	81 64	87 67	90 61	73 63	90 69	91 68	93 66	<b>7</b> 9	84 59	93 64	91 67	76 • 8 54 • 3
SAL ISBURY	MAX	68 48	63 44	61 40	59 42	53 48	56 46	69 44	77 47	81 53	82 59	79 46	71 55	55 40	65 40	78 44	68 56	70 52	74 49	77 48	82 56	83 64	75 58	71 51	90 63	91 73	95 71	73 63	8 <b>3</b> 59	93 63	90 73	88 64	74.8 53.5
SAVERTON L ANO 0 22	MAX	81 48	62 46	65 43	60 46	54 49	60 44	70 45	78 48	78 56	84 65	77 54	66 60	60 43	65 45	71	65 58	72 · 57	76 53	78 49	82 55	83 70	72 61	69 52	91 63	94 72	93 75	77 58	77 59	92 65	93 75	93 66	75.4 55.7
SEDAL I A	MAX M1N	72 52	67 43	70 41	65 41	54 50	57 46	65 47	74 47	83 56	82 65	77 47	74 57	58 40	65 41	75 45	73 56	70 53	71 53	77 50	8 <b>4</b> 59	83 65	85 74	77 55	89 64	89 74	93 71	89 66	84 60	91 65	89 75	89 68	76.5 55.7
SELIGMAN	MAX M1N	74 59	68 45	67 44	60 47	58 45	55 45	62 45	74 46	80 56	77 61	76 49	62 55	55 44	61 42	64 45	69 53	7 <b>7</b> 5 <b>3</b>	75 53	75 52	83 59	83 63	85 72	87 70	84 70	84 70	89 69	86 66	85 63	87 63	85 67	86 65	74.6 56.0
SEYMOUR 4NNE	MAX	76	70	69	62 46	54	54 48	67 40	71	77	75	74	64	56 43	66 36	68	69	7 <b>6</b> 53	74 52	75 54	80	84	88	82 59	88	89	94 64	86	80	89	87	89 64	75.3
SHEL8INA	MAX	73 43	61 47	61 36	60 37	56 47	57 45	70 43	76 45	78. 51	81 57	76 42	79 54	59 40	64 39	74 40	74 55	69 53	72 53	74	81 55	82 64	80 56	74 45	88 60	90 71	90 70	88 60	80 56	90 60	90 73	90 57	75 • 4 51 • 5
SIKESTON	MAX	75 55	80 50	77 50	82 58	69 55	66 48	70 50	66 47	75 49	79 57	84 63	71 60	77 57	62 45	<b>53</b>	63 52	80 62	80 61	73 60	79 60	82 67	84 73	87 65	80 65	93 72	94 71	98 69	84 59	87 58	97 72	95 68	78.8. 58.8
SIKESTON CROP EXP FARM	MAX	79 53	75 49	81 50	78 56	65 52	68 47	65 50	74 47	77 49	82 55	70 61	75 59	68 46	52 44	61 49	78 57	79 61	75 61	78 60	80 58	83 66	87 72	79 64	93 65	95 71	97 70	87 67	85 58	97 55	95 72	96 66	79•2 57•7
SPRINGFIELD W8 APT	MAX	75 54	68 44	65 43	58 48	54 47	54 45	64 47	72 45	79 54	74 55	76 48	65 51	51 44	64 41	69 48	68 56	78 57	73 54	76 53	84 58	86 64	88 69	86 66	86 69	87 70	92 58	79 66	83 62	89 63	88 68	91 65	74.9 55.2
STEFFENVILLE	MAX	70 46	62 42	61 37	61 38	58 47	58 45	70 42	78 46	78 52	83 58	78 47	69 54	55 39	64 42	74 39	72 54	67 54	71 45	74 45	81 56	80 63	77 54	68 46	88 59	90 72	90 71	78 57	80 56	91 55	91 74	92 61	74.5 51.5
SWEET SPRINGS	MAX M1N	66 49		68 38	58 41	55 48	55 45	68 45	75 43	83 55	80 62	76 43	72 55	55 39	65 42	77 43	71 56	70 53		78 47	82 56	85 64	85 67	76 54	90 62	92 74	94 70	87 65	84 60	93 65	92 74	88 69	76 • 6 54 • 6
TARK10	MAX	57 40	51 41	56 42	61 36	60 48	64 47	72 40	76 43	82 55	81 56	78 45	71 38	52 37	65 36	78 41	71 52	63 52	73 44	77 48	80 57	78 51	80 53	75 53	90 59	97 74	93 61	72 60	82 58	90 69	92 74	90 54	74.4 50.5
TRENTON	MAX	64 47	57 42	58 38	62 40	58 48	55 48	71 43	75 49	80 54	78 62	76 46	73 45	56 39	65 41	75 45	73 56	63 53	46	79 49	80 55	7 <b>7</b> 59	79 55	75 52	87 61	94 75	92 71	79 62	80 58	91 64	93 75	94 60	74.6 52.8
UNION 1 SE	MAX	84 49	72 44	75 40	69 52	60 51	63 39	69 45	75 43	80 43	85 58	77 58	73 58	64 44	61 42	72 42	74 56	_78 58	70 47	79 50	81 52	90 69	90 72	80 54	90 61	91 72	97 68	83 64	79 54	93 53	91 70	92 6 <b>6</b>	78 • 6 54 • 0
UNIONVILLE	MAX	60 44	52 41	54 37	60 37		55 47	68 41		77 53	78 51	73 41	69 45	54 34	64 39	78 42	69 52	60 53	70 46		77 53	75 52		66 47		90 71		70 58		88 62	89 64	89 75	71.2 49.9
VANOAL IA	MAX																																
VERSAILLES	MAX	78 53	71 33	67 40		52 48	56 40		75 42	83 52		78 52	70 51		66 41	75 45	71 50	70 55	71 50		79 55		85	69	87 67	91 74	93 72				91 66	63	74.6 52.9
VICHY CAA AP	MIN	81 54	69 46	72 44	59 45	55 46	56 46	65 47	75 48	81 52	81 62	78 51	74 53	53 41	65 40	72 46		7 <b>7</b> 55	70 51	78 51	83 62	· 67	89 61	70 57	91 65	93 72	92 70	75 60	84 55	62	91 72	70	76.4 55.0
WAPPAPELLO OAM	MAX		85 49	79 48	81 53	58 52	61 45	66 49		76 50	77 56	81 61	70 58	71 54	58 43	57 44	63 52	82 60	80 58	76 59	78 57	80 66	83 73	86 64	79 64	90 70	90 70	95 69	81 58	85 59	92 71	91 68	77•4 57•5
WARRENSHURG C T C	MAX	66 52	68 45	65 41	63 46	54 50	56 47	68 48	74 48	79 58	80 66	84 51	74 49	57	63 42	72 46	72 57	67 55	54	75 55	83 60	83 67	84 69	79 57	63	91 75	94 73	87 66	85 61		90 68	87 70	75.4 56.0
WARRENTON 1N	MAX	84 47	76 46		69 44		61 42		<b>7</b> 5	82 51	85 62	79 48	74 59		62 41		70 55		73 48	76 48	83 56	87 69	87 64	77 51		90 76	93 75	91 60		91 60	92 71	90 69	78•2 54•4
WAPSAW NO 1	MAX																																
WASOLA	MAX		73 48		67 48	48	56 44	47		51	78 60	74 51	67 56	46	65 47	45		57	78 50	56		66	91 71	68	66	69	95 68	85 62	60	62		65	77.9
WAYMESVILLE 2W	MAX	82 49	45	75 36	67 46	47	59 42	68 45	37	82 48	82 60	80 42	71 53	57 42	39	75 43	72 54	79 55	46	79 45	89 60	89 61	91 70	60	90	93 71	94 76	83 65	54	54	91 70	60	79.2 52.8
⊯E8STER GROVES	MAX M1M	86 55	73 48	78 45	69 50	62 52	66 43		74 50			75 65	73 60		57 42				77 52		81 56	89 70		79 56			97 74	83 61		93 57	92 68	91 71	78•6 56•8

Table 5-Continued									D.	ΑI	LY	T	ΞM	PE	ER.	ATI	JR	ES															SOUR 1 1953
																Day	Of	Mon	th														Average
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
EILJARTEN	MAX	82 57	82 5 I	80	79 42	63	65 45	69 47	73 47	79 51	82 59	75 57	70 57	67 41	55 40	64 50	78 55	75 55	74 53	77 54	81 59	87 68	89 72	85 57	90 62	90 72	9 <b>7</b>	91 62	81 53	91 58	90 74	92 71	79 • 1 56 • 2
EST PLAINS	MAX	83	75 45	79 40	6I 50	63 46	60 41	68	77 41	79 45	79 58	71 58	64 57	57 45	64 43	63	77 57	81 57	77 57	77 56	81 55	84 61	91 74	81 68	89 66	90 70	95 67	83 66	84 61	92 56	92 68	94 63	77 o i
ILLOW SPRINGS	MAX	82	74 47	79	72 60	63 49	56 45	69 47	76 44	79 50	78 58	73 52	64 57	65 45	66 41	67	75 54	82 57	82 54	76 58	82 59	85 63	92 70	82 67	89 67	90	94 67	84 64	84 58	91 58	91 69	92 63	78 a :
INOSOR 3Nh	MAX	7I 53	67 42	63		55 49	56	67	74 48	81 55	78 65	75 45	71 54	54 40	65 40	74 46	71 56	70 54	<b>7</b> 2 <b>5</b> 3	76 49	82 58	84 64	85 73	74 56	87 64	87 73	91 70	. 84 65	83 59	89 65	88 74	86 71	74. 55.
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								ח	Δ ΤΤ	v	SC	זזר	т	FΝ	(PI	rR.	ATI	IIR	ES														
Table 5								יע		- T	50			1314.		J1 L		011															
																Day	of mo	nth															ebe
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
														EPTI								-											

52 55 53 53 65 67 66 62 78 57 51 61 72 60 64 71 67 78 75 75 68 76 83 96 67 78 79 91 83 67.8

49 50 50 50 50 50 52 51 51 51 52 51 51 52 52 52 52 53 53 53 53 54 54 55 55 56 56 56 56 51.9

48 49 48 49 50 45 50 50 50 50 50 50 51 50 51 52 52 52 52 49.4

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6PM 52 50 51 54 52 53 57 61 62 62 63 57 52 59 65 59 60 63 65 65 67 68 67 72 77 78 66 70 75 77

6PM 52 50 50 52 51 51 52 56 58 59 58 56 52 55 58 57 57 58 60 61 62 63 63 65 68 69 65 66 68 71 72 59.2

6PM 52 50 50 51 51 51 51 53 55 56 56 56 54 53 54 55 56 57 58 59 60 60 61 63 65 64 63 65 66 66 57.0
6PM 51 50 50 50 50 50 50 50 50 52 52 53 55 53 54 53 54 53 54 55 55 56 57 .57 58 58 59 60 61 61 61 62 54.8

1 Inch

3 Inches

6 Inches

12 Inches

36 Inches

72 Inches

Table 6

49 49 49 50 50

4 47 47 48

48 48 48

48 48

47

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1 Inch ·	6PM	66	66	73	64	62	62	65	68	69	69	67	70	57	56	60	72	75	70	75	74	74	75	72	78	80	83	79	80	83	87	95	71.8
3 Inches	6PM	66	67	72	64	63	63	65	68	69	69	67	70	61	56	60	70	74	70	74	74	73	74	72	77	80	84	80	81	83	86	90	71.7
6 Inches	6 <b>PM</b>	64	65	69	63	63	63	64	66	68	68	66	68	62	57	59	66"	71	69	71	72	72	73	72	75	78	81	79	79	80	81	84	69.9
12 Inches	6PM	61	62	63	62	61	62	61	62	64	65	64	65	63	58	59	62	66	66	68	69	69	70	70	71	73	75	75	74	74	76	76	66.6
24 Inches	6PM	57	58	59	60	59	59	59	59	60	60	61	61	61	60	59	59	61	62	6 <b>3</b>	64	65	65	66	66	67	68	69	69	69	70	70	62.7
48 Inches	6 <b>PM</b>	55	55	55	55	56	56	56	56	57	57	57	57	57	58	58	58	58	58	58	59	59	60	60	61	61	62	62	63	63	63	64	58.5
72 Inches	6PM	53	53	53	53	53	54	54	54	54	54	55	55	55	55	55	55	55	56	56	56	56	57	57	57	57	58	58	58	59	59	60	55.6

#### EVAPORATION AND WIND

Station																1	Day o	f mor	ath														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
COLUMBIA WB AP	EVAP	. 24 86	·23	.16 63	.10	70	.02	.11	.15	.27	.23 98	.25 47	.18	.08	.11	.19 52	.03	.12 50	.13	.19 33.	·23	.31	.23	:14 76	.21 67	.23 66	.36	.27 87	.24 98	.27 71			6.148
LAKES10E	EVAP	.14 37	.31 92	.22 64	.19	30	.06 40	.00	.09	.19	.37	.22 77	.19 24	.11 28	.02	.15 14	.18	.03	.14		.20			.26 43	.10	.32	.33	.32	-21 46	.24	.30	.32	5.94 1102
T. LOUIS WASH UNIV	EVAP		-	-	.36		.00				.15 52					.00					.23				.19		.37						5.308

Station																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
BETHANY	SNDWFALL SN DN GND														T																	
CANTON L & D 20	SNDWFALL SN ON GND																							Т								
CHILLICOTHE RADID	SNOWFALL SN ON GND																							Т								
CLINTON .	SNDWFALL SN ON GND																								Т							
COLUMBIA WB AP	SNOWFALL SN DN GND													٠т																		
KIRKSVILLE CAA AP	SNOWFALL SN ON GND																							Т								
MARSHALL .	SNOWFALL SN DN GND																															1
NEW FLORENCE	SNOWFALL SN DN GND																						Т									
ST JOSEPH WB AP	SNOWFALL SN ON GND																										T					
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SPRINGFIELD WB AP	SNDWFALL SN ON GND																-						•				0.6					
TARKID	SNDWFALL SN DN GND																					т					Т					
UNIONVILLE	SNDWFALL SN ON GND																					Т										

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Station	Index No.	County	Drainage! Latitude	Longitude	8	Obeer vation time	Observer	Refer to tables	Station	Index No.	County	Drainage ‡	Longitude	Elevation	Open Agrico Open Open	Observer	Refe to table	
advancy 5 ESE A.hany Alton M ESE Amity tmotwedam	0051 0127 0143	Stondard Gentry Oregon DeLaib Rates	10 37 06 4 40 15 1 36 42 4 38 52 8 38 21	88 30 94 20 11 17 94 26 94 35	355 1172 11120	5P 5 6P 6	P Mello Moroni P miliam J. Sutler A Loyd S. Slack A O. M Colbour O S. A. Mersbner	2 3 5 °C 2 3 5 3 C 2 3 5 C	La Swlle Lakeside Lamar Lampe Foreat Service Lampe 4 NNS	4694	Lewis Miller Barton Stone Stone	6 40 9 38 8 37 12 36 12 36	12 92 37 30 94 16 34 93 26	595 980	7A 7. 7A 7.	A James W. Fishback A W. S. Frame A Marie Mann A Orley F. Scott O Mre. A. O. Rogere	3 2 3 5 8 2 3 5	c
inderson 1 3W iemapolim 7 5W appleton City Arcadia ishtom 1 W	0178 0204 0224	St. Clair	8 36 3M 1 37 20 9 38 12 10 37 35 8 10 27	94 27 90 47 94 02 90 37 81 48	1000 800 928	63P 6 5P 7	A R W. Chasherlain A Opal G. Mutter P F. Paul Eye A Arcadla College O Gleo A. Woodruff	2 3 5 3 2 3 5 C 2 3 5 C	Lathrop 3 8W Lehanon 1 ENS Leepar Lees Summit 1 N Leainyton	4825 4844 4846 4904	Clinton Lacleda Wayne Jackson Lafayette	4 39 9 37 1 37 7 38 7 39	41 92 39 04 90 42 56 94 23 11 93 53	1080 1240 - 688	6P 7.	P Cecil F. Baye A Srodie O. Barnett CLOSEO D Benjamin F. Smith Milliam H. Cullom	2 3 5 2 3 5 4/30/53 2 3 5	c
Aunvacew Arm Mangur Station Section 1 S Solloviem Service	0345 0503 0538 0595	Callamny Douglan Livingeton 1ros 9toddard	7 39 00 12 36 57 4 39 41 5 37 41 10 36 40		1090	8 11 7 7	P C. H. Hook A U.S. Forest Service O Sarry S. Stephena A Beulah M. Aleaandar A Sarold S. Summere	3 3 C 3 C	Licking 4 N Lineus 2 S Livonia Lockwood Louisiana Starks Nur.	4978 5014 5027 5093		1 1	50 93 12 29 92 42 23 93 57 26 91 03	1277 835 - 1078 469	6P 6:	A Robert O. Damson P Merle Wade D Icel M. Tade A Huhert A. Nieman P Stark Sros. Nureery		c c
Sothany March Tree Sinck 8 MV Misomfield Colivar	066 N 0683 0733 07N9		4 40 18 1 36 59 1 37 37 10 36 53 8 37 37	89 56	\$16 1000 1000 440 1071	5P 7 7P 7 5P 3	A Carl M. Slaughter A Mildred M. Catlett P Otto Goggia A George E. Long P Sw Saptist Collage	2 3 5 7 2 3 5 2 3 5 3 2 3 5 C	Louisiana Lucerne Macedonia Lookout Macon Madison	5121 5164 5175 5183	Pike Putnam Ripley Wacon Monroe	6 39 4 40 1 36 2 39 6 39	27 93 18 45 90 54 45 92 28 28 92 12	-	7A 6.	A George A. Garner A O. A. Srowning P Roy C. Rohinatt A John W. Ateall A Enos Wood	3 3 3 2 3 5 3	c 7 C
Bessville Mater Works Bouling Green Bradleyville Brookfield Brunseich	0856 0871 0480 1037	7amey Limm Chariton	7 3M 5M 6 39 21 12 36 47 4 39 47 4 38 26	81 12 82 55 93 05 83 06	680 - 767 852	5P 5	A Boonville Water Owp A Virgil Cook A Simer A. Buhhard P G. F. Breen A C. S. Senecke	2 3 5 3 3 2 3 5 2 3 5	Malden CAA AP Mansfield Warbla Hill Warehall Warmhfield	5227 3253 5298 5307	Ounklin Wright Bollinger Saline Wahster	10 36 12 37 6 37 7 39 12 37	06 92 35 18 89 58 07 93 11 20 92 54	-	6P 7. 5P 5. 5P 5.	O U.S. Civil Aero Adm A Renry O. Brown A Bryan A. Milliams P Municipal Dtilitiee Bho-Me Power Co.	2 3 5 2 3 5 2 3 5 2 3 5 2 3 5	7 C
Deffalo Beaker Barliegton Junction Detler Detler CAA AP	1101 1141 1145 1147	Dallam Meymolds Hodaway Bates Pates	8 37 3M 1 37 27 7 40 26 9 38 16 9 39 18	81 12 85 04 94 20 94 20		5P 5 W10 W1	A L. M. Hosertoo A C. O. Highley A Ralph B. Fuller P Rarley M. Johnson O O.S. Civil Aero Adm	3 3 2 3 5 2 3 5 7	Martinsburg Maryville Maryvillm 7 NNW McCredie 2 M McCredie Exp, Station	5340 5345 5410 5415	Audraio Nodaway Nodaway Callaway Callaway	7 39 7 40 7 40 7 38 7 38	21 94 52 25 94 53 58 91 58 57 91 54		M1 M1 M1	A Fr. H. Freese P R. B. Montgomery O Earl W. Truchlood D Lelia 8. Craig D U.8. Soil Consarv.	2 3 5	c c c
	1221 1275 1283 1291	Camdes Dunklis Lewis Liscols C Glrardewu	9 38 02 10 36 29 8 40 08 6 39 00 6 37 18	\$1 31 90 42 \$9 32	940 314 488 - 347	5P 5 7P 7 M1 SP 5	P Mo. Conserv. Coms. P Mr. M. Boh Comer A Lockmeater D O. S. Enginears P Teachers College A Lwe L. Albert	2 3 5 2 3 5 2 3 5 7 2 3 5 7	Memphia Marcer 6 NW Mexico Middletown 3 NE Wilan	3519 5541 5565 5578	Sullivan	8 40 4 40 6 39 6 39 4 40	33 93 38 10 91 53 10 91 22 12 93 07	-	7A 7.	A John W. Alaaandar A Oscar L. Hartley A D. N. Moode A Eloise M. Graham A Charles E. Smith	2 3 5 3 2 3 5 3	c
Cape Girardean Capilager Billa Carrolitos Carthage Carsthersville	1304 1340 1358 1364	C Girardeau Cedar Carroll Jaeper Pemiscot	6 37 18 9 37 46 7 39 22 11 27 11 8 36 11		754 862 265	6P 6 6P 7 5P 7	A Lwe L. Alhert P 3. S. Price P Barold E. Finley A Phil 8. Oavis A Victor 7. Malloure	3 2 3 5 2 3 5 .2 3 5 2 3 5	Willer 2 8E Moberly Radio ENCM Monett Monroe City Mora	5671 5700 5708 5754	Lacrence Randolph Sarry Wonroe Senton	10 37 6 39 8 36 6 39 7 38	24 92 26 55 93 55 39 91 44 32 93 13	1310	6P 6: 8A 8: 8: MI	P Radio Sta. ENCM A Keuneth G. Meuser S J. S. Conway O Emma M. Mayar	2 3 5 2 3 5 3	c
Canevilly Ranger Sta. Centervilly Centerville Ranger Sta Centralia Chadwick Charleston	1487 1472 1482 1490	Barry geymolds Seymolds Boome Christian	12 36 41 1 37 26 1 37 28 6 39 12 12 36 56	93 52 90 57 90 57 92 08 93 03		7 8 8 7	A Corda Jane Harrison A D.S. Forest Service A Earl M. Seymour A Sylvia Flatcher	3 C 3 3 3 3	Morahousa Mosalle Mountain Grove 2 N Mount Vernon 3 SM Nensho	5816 3834 5861 5976	New Madrid Franklin Wright Lawrence Newton	6 36 5 38 3 37 8 37 8 36	23 90 54 09 92 16 04 93 52 52 94 22	497 1463 1174 1011	6P 6: 5P 5:	A Ernant J. Fostar A Mo Fruit Exp 8ta D Mm. E. Kirchhoff P U.8. Fisherias Sta.	3 3 2 3 5 2 3 5 2 3 5	С
Chillicothe 2 S Chillicothy Radio ECS1 Clarksville Lock h Dan Clearwater Dan	1540 1585 1640 1974	Wissianlppl Livingston Livingston Pike Wayne	6 36 56 4 39 45 4 31 46 6 39 22 1 37 07 7 38 45	69 21 93 33 93 33 90 55 90 47	771	33 3 M1	P Charleaton Fire Dep A B. O. Dupy 3 Padio Statioo 9CB1 D U. F. Engineers O. S. Engineers	2 3 5 3 2 8 5 7 2 3 5 C	New Soston New Florence New Madrid Novinger 1 E	5999 6007 6040 6170	Vernon Linn Wontwomery New Madrid Adair	9 37 4 39 7 38 6 36 2 40	57 92 51 55 91 27 35 89 31 14 92 41	-	6P 6: 6 7.	P Ranry Kraft A Gerald R. Eill Earbert E. Oavault A Wass Hensley A Varn W. Robison	2 3 5 3 2 3 5 3 3	7 C
Clifton City Ciatea 1 NFW Calona Calumbia WB Airport Canception	1711 1773 1790 1822	Cooper Beary Carroll Boose Wodaway	7 38 45 9 38 22 4 39 31 7 38 56 7 40 16	93 02 93 47 93 33 92 22 94 41 93 34	778 1108	8A 8 7 #10 #1 5P 5	A F. S. Needy A Loyd W. Millam A Jewal S. Trunsell D O.S. Weathar Suraau P Fr. Adelhelm Beaw A Martin Srockman	2 3 5 7 C 3 2 3 5 6 7 C 2 3 5	Oatae Tower Odassa Oragon Oregon 1 NE Osceola 3 NE	6269 6357 6359 6407	Reynolds Lafayette Holt Nodaeay St. Clair	1 37 7 39 7 39 7 39 9 38		1093	6P 7.	A Ethal Sue Adams A Mm. E. Oougharty A Jamee M. Curry O Addie A. Surtnatt A Sam H. Simmone	3 3 2 3 5 3	c
Concordia Cook Station Crase Sountain Crocker Crystal City 1 W	1870 1980 2004 2031	Lafayette Crawford lros Pulaski Jefferson Crawford	7 38 59 5 37 46 10 37 27 9 37 57 6 38 14 5 28 04	91 27 90 38 92 15 90 23	760	7 9 6 5P 5	A Martin Brockman A Thomas J. Gorman A Roy 9. Thomlison P Charles 1den P Oscar J. 7idd A Jr. C. J. Eornaey	3 3 3 2 2 3 5	Owenswille Ozark Ozark Seacb Pacific Palmyra	6452 6480 6468 6493	Gasconada Christian Taney Franklin Warion	3 38 12 37 12 36 5 38 6 29	01 93 13 40 93 07 29 90 44 48 91 30	1150 700 -	8A 7. 8. 7. 8.	A Aneta E. lman A William L. Reed A Empire Dis El Co A Arthur O. Lewis A Jassa E. George A J. W. Reed	3 2 3 5 3 3	С
Deering He Soto Dester Somiphan	2159 2220 2235 2289	Pomiscot Jefferson 9toddard Eipley	10 26 12 6 38 09 10 36 47 1 36 37	_	244	7. 7 6 6P 6	A Clarence E. Carnell A Roy 9. Deway A J. L. Jackson P Soyce Lackay	3 2 3 5	Paris Parma Pattonsbur9 Perry Perryville	6532 6563 6633 6641	Monroe New Madrid Daviasa Ralla Perry	6 29 10 36 4 40 6 49 6 39	37 89 48 02 94 09 26 91 40 43 89 52	710	7. M1: M1: SP 7	A Laura E. Morgan O Wada O. Moody D Rev. C. 8. Green A John S. Ragan	2 3 5	c c
Domiphan 2 W Dora Downing East End Edgerton	2302 2318 2406 2474	Platte	1 38 27 12 36 46 6 40 29 5 37 41 7 39 30	90 51 92 13 92 22 91 02 94 38	856	M1 M1 7 6P 7	A Geo. Saumgardner D Alta M. Oeuprae D Atta M. Deuprae D Atta M. Beeler A C. O. Smith A Podora L. Parry	3 C C 2 2 3 5	Pierce City Pléasant Hill Polo Poplar Bluff Portageville	6748 6775 6791 6799	Laerence Cass Caldwell Hutler New Madrid	8 36 9 38 7 39 1 38 6 36	26 89 41	1018 332	7A 7 5P 5	A John P. Oavis A Oean 7. Knorpp A Ralph C. Ulbright A D. M. Richardson P Portagaville Rev.	3 2 3 2 3 5 2 3 5	С
Edina Eldon Eldonado Springs Mijak Eliington	3511 3519 2547	Miller Cedar Ozark Meymolds	6 40 10 7 38 20 9 37 52 12 36 26 1 37 14	90 59	934	5P S	A Paul D. Pattit P Arthur Rothwell P Clyde J. 9nodgraes A Loyd Price A S. Phronia Sanders	3 2 3 5 3 2 3 C	Potosi 2 8 Princaton Puxico Qulin Reynolds	6866 6934 6970 7094	Washington Mercer Stoddard Butler Reynolds	6 37 4 40 10 36 10 36 1 37	24 93 36 57 90 10 36 90 15 24 91 05	Ē	5P 5 7 7	D Arthur E. Riehl P E. Wayna McClaran A J. W. Stainmater A Torrence J. Johns A Effic V. Eill	2 3 5 2 3 3	c
Ellwinorw Elaberry Eminency 3 FFW Fairfax Farmington	3591 2617 2729 2809	Carter Liscoln Shannos Atchisos St. Yrancois		91 23 95 24 90 26	449 1250 896	8A 8 . MI 7 7P 6	A William Perkins A Soil Conserv. Berv. O Thomas J. Chilton & Olllard A. Price A J. M. Earach	3 2 3 5 C 3 2 3 5 7 C	Richmond 7 Richwoods Ridgeway 1 SE Roby Rogersville	7130 7214 7255	Washington Harrison Teass Webster	7 39 5 38 4 40 3 37 12 37	09 80 50 22 93 56 30 92 08 07 93 03	Ē	7 MI 7 M1	O Orelia E. Smith A Elma M. Oa Clua O Peith Jackson A Roy E. Danials D Gladys C. Shockley	3	c c
Farmtagton CAA AP Farette Flak Forsyth Fountain Grove Wildlife	2823 2881 2975 2995	Livingston	7 39 09 10 36 47 12 36 41 4 39 42	92 41 90 14 93 06 93 18	760 - 670	6P 6 7 7 88 8	D U.S. Civil Aero Adm P irvin E. Schnell A Fred Lovell A Otto Menyon B Mo. Cons. Comm.	2 3 5 2 3 5 8 3 C 2 3 5	Rolla School of Mines Rolla 5 SE Rolla 3 W Rolla 4 SE Rolla 7 8	7264 7265 7266 7267	Phelps Phelps Phelps Phalps Phelps	5 37 2 37	54 91 43 57 91 50 56 91 43 51 91 46	1100 865 1040 970	M1 M1 M1	A School of Mines D Walter W. Snelson D Leslie H. Underwood D Mrs. H. P. Light O Gertruda Ponzer	235	0000
Frederichtows Fremont Tower Fulten 4 3V Galena Gallatin 2 NE	3052 3079 3094 3102	Madison Carter Callaway Stonw Daviesn	10 37 33 1 38 58 7 36 51 14 36 48 4 29 56	91 14 91 57 93 28 98 57	818 1025	8A 8	A 9. H. Leslia A U.S. Forast Service A 7. 9. Hillpartner A Earold O. Stewart A Frank Hershberger	2 3 2 2 5 C 3 2	Saiot Charles Saiot Charles Saint Jamas 3 NW Saint Josaph WB AP Saint Louis WB AP	7397 7424 7440 7455	Shannon St. Charlae Phelps Buchanan Saint Louis	7 38 5 28 7 29 7 38	18 91 25 47 90 29 01 91 40 46 94 55 45 90 23	1005 809 552	8P 7 MI € M10 MI	A C. E. Jones A Charles J. Koenig O Milliam S. Jones A U.S. Weathar Bureau O U.S. Weather Buraau		C 7 C 7 C
Gerald Sector 2 H Granby Grant City Graceville 4 HFF	3300 3341 3361 3451	Worth Mayee	5 36 24 7 39 39 12 36 55 4 40 29 10 37 11	94 13 94 35 90 28	980 1134 410	5P 7	P 9dwin H. Venmer O Patricia W. Grier A Mildred S. Ratcher A J. Homar Porn A C. L. Subottom	3 C 3 2 3 5 C 2 3 5	Salimbury	7465 7470 7506 7514	St. L. City St. L. City St. L. City Oent Chariton	6 38 6 38 5 37 2 39	38 90 12 38 90 14 39 90 19 38 81 33 26 92 48	578 537 1206 723	7P 7 8A 8. 7A 7. 6P 6		2 3 5 2 3 5 6 2 3 5 2 3 5	7 C
Greecy Landing Graveapring Han'ey Handen 2 SE Banuibal	3483 3537 3565 3396	Chariton Narlos	9 40 16 2 37 24 12 36 42 2 39 26 9 39 42	92 37 92 49 92 47 91 21	759	8 6 MI 7	A Albert J. Suddick A Roy W. McMaley P William Madison O Mary M. White A Grover C. Van Dyke	2 3 3 3 7	Saverton Lock & Oam 22 9edalia Seligman Seneca Seymour 4 NNE	7622 7645 7656 7674	Ralln Pattie Harry Newton Wabater	8 36 12 27	42 92 14 31 93 56 50 94 27 12 92 45	910 1542 - 1640	5P 7. 7P 7. M1: 5P 7.	A Lockmanter A Or. J. E. Cannaday A Floyd E. Fawver O Hosea N. Rarrieon A Claude E. Garfit	2 3 5 2 3 5 2 2 5 2 3 5	с
Unmibel Water Works Barris Harrisonville Baniegreen 2 W Benrietta	3641 3649 2713 2779		6 29 41 4 40 19 9 38 29 3 37 46 7 29 14	92 21 94 20 92 27 92 56	904	63P 7 8 M1	O Rogwr C. Bigwins O John S. Millwr A J. S. Patterson A Melvin S. Gallico O William R. Sarrison	2 3 5 C 2 3 5 2 C	Shelbina Shelbyville Sikeston Sikeston Crop Exp Fm Siloam Springe	7728 7770 7772 7780	Shelby Shelby Scott Mew Madrid Eowell	6 36 6 36 12 36	48 92 02 52 89 35 51 89 35 48 92 04	218	7A 7 5P 5	A Orville L. Payna P Emmett L. Goe A Lucy W. Eumphrays P Carl O Lupar A Bess M. Syare	2 3 5 2 3 5 2 3 5 3 3	
Horman s Hermitage Mighes 5 9 Highest 2 SV Hormersville	2799 3835 2849 2998	Gancosade Hickory Boward Mositean Duakits	7 38 42 9 37 56 7 29 14 7 39 28 10 36 02	92 19 92 30 92 37 90 06	11111	6P 6	A Joseph Wunderlich P Harold E. Caristres D Hilda M. Rargis O Mre. John E. Dutche O Ballie E. Perkins	c c	Skidsora Spwad 2 W Spring City Springfield WB AP Stanbarry	7960 7987 7976 8003	Nodaeay Cooper Neeton Greene Gentry		58 94 32 14 95 23 12 94 33	1265	M1 M1 M1D M1 W1	O Nina f. Geyar D Richard E. Stegner O Gladya J. Camernn O U.S. Weathar Eureau O R. Trueman Wagers	2 3 5	7 C
Sension 1 SR Jackson 1 SR Jackson Jeff City Radio EVOS Jefferson City	4021 4228 4271 4278		3 37 20 3 37 19 6 37 23 7 39 35 7 38 34	91 5M 99 40 92 12 92 11	428 557 -	5P 5 6P 7	P The Houston Ewrald O Elenor Johnson P Danny Siebert A KWOS Padio Farm A Mobt. E. Hendwrson	2 3 5 C 2 3 5 C 3	Steelville 2 N Steffenville Stet 6 5E Stover Sullivan 5 K	8051 8063 8112 8171	Craeford Lawis Carroll Morgan Franklin		58 91 53 21 93 41 26 93 02 12 91 04	=	6P 7 M1 7	A Alfred E. Goodman A Pannie V. Gross D Edeard Stevann A H. Kyla Vickrey A George J. Hussman	3 2 2 5 3 3	c c
Jerone Jerott Joplio CAA AP Eaboka Eannas City WB Airport	4299 4215 4348 4359	Phelps Madison Jasper Clark Clay	3 37 36 10 27 23 8 37 10 6 40 23 7 39 07	90 29 94 30 91 43 94 35		#10 M1	A Walter E. Srown O'Fred Gowlkel D'U.9. Civil Aero Ada A Weeley 9. Hayden D O.9. Weather Burwau	2 3 5 7 C	Summersville Summer 2 SW Sweet Springs 7arkio Tecumseh	8188 8222 8289 8312	7axas Livingston Saline Atchlson Osark	1 37 4 38 7 38 7 40 12 26	58 93 23 27 95 22 37 92 17	680	6P 6 6P 8 7	A Ruth Wall A John W. Guilford P Herbert F. Nelson Jr. P Lestar S. Worton A Ray H. Hunt	2 3 2 2 5 2 3 5 2	7 C
E.C. St. John & Elswood E.C. 75th & Bolmes E.C. 37th & Raytows Ed farmaw City O. of E.C. Leytonville 4 SE	4369 4374 4278 4448	Jackson Jackson Jackson Chariton	7 39 06 7 39 00 7 39 03 7 29 02 2 39 27	94 35 94 30 94 35 92 52	1	67 67 7	O Lester Applegate O Lester Applegate D Lester Applegate P University of 9. C. A Percy W. Syan	3	Topaz 4 ME Trenton Troy Tyrona 2 M Onioo 1 S9	8444 8458 8498 8515	Oouglas Grundy Lincoln Texas Franklin		05 93 37 59 90 59 12 91 53 27 90 59	1280 520	5P 7 7 MI 6P 7	A Earl 1. McMillan A W. H. Estes A Robert L. Nichole O Lovene A. Harrimon A Cornellue Siewws	2 3 5 3 5	c c
Elddor fing City firkevilly kedio MIEX tirkeville CAA AP feebloseeng	4544 4541 4523	Caldwell Gentry Adair Adair Oregon	4 39 47 7 40 02 9 40 13 9 40 06 1 36 25	94 31 92 35 92 33 81 39	1095 966 95W	6P 9	A Seth 9. Look P John M. Martin P Dow Jones O 0.9. Civil Awro Adm A Geneview 7. Smith amed 9. Miseissippi	2 3 5 2 2 3 5 2 3 5 7 C 2 3 5 7. Missouri 9	Oniosville Valley Park Vas Buren Vandalia Vanaant 4 89  . Msosho 9. Osamw 10, 8	8561 8569 8577 8585	Putnam Saint Louis Carter Audrain Douglas	12 36	33 90 30 59 91 00 18 91 30 56 92 16	766	5P 5	A George O. Choate A Floyd Y. Glbbe A Morle A. Smith P Naomi E. Stouta A C. D. Smith D 14. White	2 3 5 3 2 2 3 5 3	7
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#### STATION INDEX

Continued																							MAY 1953
Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Va	tion me diped		Refer to tables	Station	Index No.	County	Drainage;	Latitude	Longitude	Elevation	vat	Pecip ne diper		Obe	erver	Refer to tables
Vermaillom Vichy 2 8E Vichy CAA AP Vienna 3 MW Villa Ridge 3 NW	8612 8614 8620	Morgan Marins Marles Maries Franklin	5 3 9	38 26 38 05 38 08 38 13 38 29	91 44	104	0	MID	Gene W. Sartram Virginia F. Huffsan U.S. Civil Anro Ada James McKinnny Vincont Hellsan	2 3 5 C C C C C					31EV 8	BMOITATI							
Waco Wappapello Dam Warrenshurg Cent. T. C. Warrenton 1 N Warsaw No. 1	8700 8712 8725	Jasper Wayne Johnson Warren Senton	10 7 6	37 14 36 55 38 46 38 49 38 15	90 15	87 88	8 51 7 51	8A 8A 5P	Lustur D. Sigars U. S. Enginners Cent. Teach. Col. W. T. Zissersan Dora Johnson	3 2 3 5 C 2 3 5 2 3 5 2 3 5 2 3 5	Kennett Radio KBOA	4417	Dunklin	10	36 13	90 04	265	56	5P	Radi	o Sta	. KBOA	2 3 5
Warsaw No. 2 Washington 3 S Wasola Waverly Waynesville 2 W	8746 8754 8768	Senton Franklin Ozark Lafayette Pulaski	12 7	38 31 36 47	92 34	1294	1	10 7A 7A	John W. Surke Jos Ludewig A. W. Pinckney Jusse J. Foons Ralph N. Land	3 C 2 3 5 C 3 2 3 5									1				
Webster Groves Welngarten West Plaina Williamsburg Williamsvilin	8799 8880 8980	Saint Louis St Genevieve Hownil Callaway Wayne	1 7	38 35 37 53 38 44 38 55 36 58	90 13 91 51 91 43	100	3 51	5P MID WID	Thomas J. McCawley William J. Miller U.S. Weather Sureau Mary W. Crump Gnorgn W. Julian	2 3 5 2 3 5 2 3 5 7 C 3													
Willow Springs Willom Springs For Ser Windsor 3 NW 2alsa 5 E	9000	Sown11 Sown11 Johnson Bollinger	1 9	36 59 36 59 38 33 37 10	93 33	-	61	MID 6A	Allnn Frazse U.S. Forest Service Logan Sutherland J. Monroe Null	2 3 5 2 3 5 3													

DRAINAGE CODE: 1. Black 2. Chariton 3. Gasconade 4. Grand 5. Moramec 8. Mississippi 7. Missouri 8. Neosho 9. Deage 10. Saint Francis 11. 4alles 12. Spring 13. Tarklo 14. White

#### REFERENCE NOTES

The for digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4 foot diameter unless otherw shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948

Amounts in Table 3 are from non-recording gages, unless otherwise indigated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.
"WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

  And also on a later date or dates.

  Amount included in following measurement, time distribution unknown.

  (Gage is equipped with a windshield.

  Adjusted to a full montb.

  Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

  E Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

  M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full montb.

  Daily values and monthly total from recording gage.

  T Trace, an amount too small to measure.

  V Includes total for previous month.

  SS This entry in time of observation column in Station Index means observation made near sunset.

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WRPC, KANSAS CITY, MO., -- 7-13-53 -- 945

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U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

**MISSOURI** 

.P 4 1953

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JUNE 1953 Volume LVII No. 6 UNIVERSITY OF ILLINOIS LIBRARY, PERIODICAL DIVISION, URBANA, ILL. 23



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#### MISSOURI - JUNE 1953

#### H. F. Wahlgren, Section Director - Saint Louis

#### WEATHER SUMMARY

The month of June was very hot and dry. The average temperature for the State was  $80.4^{\circ}$ , which is  $7.1^{\circ}$  above normal. This has been exceeded, in June, only by the  $80.8^{\circ}$  of June 1952, and was equaled only once, in 1934. Precipitation averaged 2.14 inches for the State, which was 2.66 inches below the June normal. It was the driest June since 1936, when the average was the record-low amount of 1.42 inches.

Temperatures were much above normal throughout the State. The highest mean temperature was 84.5° at Joplin, and the lowest was 75.1° at Unionville. Highest temperature recorded was 106° at Brookfield on the 18th and 19th, and at Sikeston on the 20th. The lowest was 45° at Black on the 3d. The 18th-20th was the hottest period this month. Afternoon temperature of 100°, or above, were State-wide on those days. On the 1st-3d and 6-7th minima were in the upper 50's and low 60's. These were the coolest periods during the month.

Precipitation varied from an average of 2.95 inches in the Northern Division to 1.20 inches in the Southwestern Division. Total amounts of precipitation received ranged from none at Seligman, to 6.34 inches at Weingarten. Numerous stations in the Southwestern Division received less than half an inch of precipitation during this month. There were general shower on the 5th, 7th and 8th. These averaged about an inch for the northern portion of the State but were much lighter and more scattered over the rest of the State. There were scattered showers in the eastern part of the State on the 11th, and more general showers on the 13th, although they were again light and scattered in the southern part of the State, on the latter date. On the 26th and 27th there were general showers over most of the State.

The hot, dry weather caused hay and pastures to deteriorate rapidly during the month, although the first crops of alfalfa and red clover were fair to good. The weather was ideal for curing hay. Corn and soybean planting, which had been delayed by wet weather in May, was rapidly completed in early June. The wheat crop, retarded by cold, wet weather in early May, matured rapidly after the onset of the hot, dry weather this month. By the end of June harvesting was nearly completed in the southern part of the State, about half done in the central and was beginning in the north. Yields set a new record, averaging 25 bushels per acre. The dry weather favored a quick harvest, and quality was generally good. The oat crop was injured by the hot, dry weather; yields were down and a larger than usual acreage was cut for hay. By the end of the month drought conditions were becoming serious in the southern part of the State. Pastures and hay were in very poor condition, and in some areas hay was being fed, due to lack of pasturage. About \$125,000 damage was done in the State by local wind, hail and electrical storms. At least 40 head of livestock were killed, and several buildings destroyed by lightning during the month. These storms occurred in all parts of the State, but the most damaging ones were hailstorms in Harrison, Davies and Grund Counties on the 9th and in the "boot heel" area on the 11th. No flood damage occurred.--AJC

## SUPPLEMENTAL DATA

MISSOURI JUNE 1953

	Wind	direction		Wind m.	speed p. h.		Relati	ve hum	idity ave	rages -		Numi	per of d	ays with	precip	itation			nset
Station	Prevailing	percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12:30A CST	6130A CST	12:30P CST	6:30P CST	Trace	.01–.09	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshioe	Average sky cover sunrise to su
OLUMBIA WE AP	S	17	9.8	45	W	20	72	76	50	49	2	2	4	0	0	0	8	79	4.7
CANSAS CITY W8 AP	s	18	12.0	40	W	27	65	73	48	43	3	5	2	1	0	0	11	84	4.5
T. JOSEPH WB AP	-	-	11.8	47	NW	25	-	76	52	50	5	4	3	3	0	0	15	70	4.3
T. LOUIS W8 CITY	S †	201	11.3	42	NE	13	71†	73†	47	47	5	3	2	0	1	0	11	90	4.5
RINGFIELD W8 AP	SSE	24	13.2	56	N	1	73	78	49	48	4	1	1	0	1	0	7	87	3.9

†--airport data

#### COMPARATIVE DATA

	T	emperatu	re	Pı	recipitatio	on		T	mperatu	10	Pi	recipitatio	on		T	emperatu	10	P	recipitatio	on
Year	Average	Highert	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average enowfall	No. of days .01 or more
1888 1889 1890 1891 1892	72.8 70.7 77.2 73.2 74.5	103 100 108 103 100	38 38 44 46 45	5.81 4.66 2.45 6.56 3.09	0 0 0 0	7 6 6 13 7	1913 1914 1915 1916 1917	75.4 79.3 70.8 70.0 71.0	107 106 98 100 103	33 43 38 42 35	2.55 2.26 6.45 5.86 3.67	0 0 0 0	6 5 12 10 8	1938 1939 1940 1941 1942	72.4 74.6 73.5 74.1 73.3	98 99 98 103 98	44 41 44 43 35	4.77 5.64 4.96 4.23 7.70	0 0 0 0	10 12 8 9
1893 1894 1895 1896 1897	72.6 74.5 73.3 72.5 73.6	98 105 100 101 102	40 35 42 45 38	4.72 3.74 5.87 3.98 6.25	0 0 0 0	9 7 10 9	1918 1919 1920 1921 1922	77.2 75.0 72.7 76.6 76.5	110 104 104 105 108	48 44 41 44 43	3.09 5.58 2.35 5.81 1.61	0 0 0 0	7 11 6 12 5	1943 1944 1945 1946 1947	75.8 76.4 69.5 73.9 72.6	101 107 95 104 99	43 39 37 37 37	6.39 2.55 8.84 2.72 8.19	0 0 0 0	12 7 14 8 13
1898 1899 1900 1901 1902	75.3 74.3 73.3 77.9 70.9	100 101 103 108 100	49 42 44 40 37	5.92 3.92 5.05 2.02 6.42	0 0 0 0	11 9 10 6 12	1923 1924 1925 1926 1927	73.5 72.5 76.5 70.9 70.3	103 101 103 101 99	45 38 46 37 41	5.56 7.27 5.99 3.60 5.81	0 0 0 0	11 14 9 8 10	1948 1949 1950 1951 1952	73.3 75.2 72.9 71.0 80.8	100 99 100 102 109	42 48 39 42 41	7.43 6.55 4.14 8.95 2.27	0 0 T T	12 13 8 17 4
1903 1904 1905 1906 1907	87.3 70.5 75.2 72.7 71.2	95 93 103 101 97	38 45 42 40 40	3.28 8.68 3.14 4.82 5.47	0 0 0 0	9 11 7 10 11	1928 1929 1930 1931 1932	67.7 71.3 72.4 77.1 75.2	91 99 109 107 103	40 39 36 40 47	11.25 5.69 3.77 2.75 4.81	0 0 0 0	15 10 7 8 10	1953	80.4	106	45	2,14	Т	5
1908 1909 1910 1911 1912	72.3 73.9 70.4 78.9 89.5	98 98 99 112 100	43 48 38 43 42	6.01 5.23 4.11 1.76 4.77	0 0 0 0	11 11 8 8 9	1933 1934 1935 1936 1937	78.4 80.4 69.6 76.5 74.4	107 108 98 112 105	38 47 39 40 43	1.47 2.82 8.95 1.42 4.93	0 0 0 0	3 7 15 4 10						49	

verages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

TABLE 2

TABLE 2				Ten	peral	ure									1	Precip	itation					
				78						No	of D			7	-		Snow.	Sleet, H	aíl l	No.	of D	оув
Station	Average	Average	Average	Departure From Normal	Poet		rest		ree Day	Max	+	Min.	-	Departure From Normal	atest Day		-	Max. Depth on Ground		or More	or Mon	lore
	MA.	Ave	Am	Pro	Hgb	Date	Ş	Date	Degr	Ahers	Belo 32°	Pole o	Total	Pos	Great	Da.	Total	Man	Date	10.	35.	or Mor
NORTHERN DIVISION																						
ALBANY AMITY BETHANY BROOKFIELD BRUNSWICK	90.9 90.6 90.6 94.6 91.3	64.8 66.2 65.5 67.4 68.1	77.9M 78.4 78.1M 81.0 79.7	6.1	100 101 100 106 104	18 19 18+ 19	54	26 6 26 8 2	1 0 0	20 22 26	0 0	0 0 0 0 0 0	2.40 4.29 5.32 3.93 3.06	-2.84 -2.71 .26 -2.05	1.02 1.33 2.76 2.11 2.17	9 9 28 28	.0 T T T	0 0 0		5 8 10 7 5	2 4 4 3 1	1 1 1 1 1 1
CANTON L & 0 20 CARROLLTON . CHILLICOTHE RAOIO KCHI COLUMBIA WB AP R CONCEPTION	88.0 · 93.6 93.0 92.0 91.4	66.5 66.9 65.1 68.6 65.9	77.3 80.3 79.1 80.3 78.7	4.7 6.8 7.4 7.2	98 105 105 102 100	19 18 18 19 18+	53 56 54 58 54	2 2 1 2+ 6+	0	24 22 20	0 0	0 0 0 0 0 0 0 0	1.83 2.15 1.06	-1.46 -2.58 -3.84 -2.11	1.14 1.00 1.20 .36 .79	23 28 28 26 9	7 7 7 .0	0 0 0		7 7 9 6 9	2 2 2 0 2	1 1 0 0
EOGERTON ELSBERRY FAYETTE FOUNTAIN GROVE WILOLIFE FULTON 4 SW	92.5 91.2 92.0 92.5	66.0 67.8 65.4 66.8	79.3 79.5 78.7M 79.7	4.9 6.7 6.5	103 100 101 103	20 18+ 18 20	50 56 55 54	2 2 1 <sup>+</sup> 2	0	19	0	0 0 0 0 0 0 0 0	1.44	52 -3.13 -1.73	1.86 .86 .70 1.27	26 28 8 6	.0 .	.0		4554	2 1 2 2	1 0 0 2
GRANT CITY HANNIBAL WATERWORKS KANSAS CITY WB AP R KINOER :	89.4 88.8 93.5	64.4 65.3 71.6	76.9 77.1 82.6	6.1 4.6 7.2		11+	55 53 59	2+ 2 6	0	15	0	0 0 0	1.72	-1.53 -2.18 -3.54	1.40 1.05 .71	8 6 27	.0 .0 T	0 0		9 8 8	2 1 1	1 1 0
KIRKSVILLE RAOIO KIRX KIRKSVILLE CAA AP	88.7	63.7	76.2M	4.5	99		53	2+	0			0 0		-2,29	.90	28	.0	0		8	3	0
LATHROP 3 SW LOUISIANA STARKS NURSERY MACON MARYVILLE	92.8 89.0 88.2	66.0 65.8 64.6	79.4 77.4 76.4	7.3 5.0 6.6	101	19	49 53 52	2 2 6	0	20 16 10	0	0 0 0	2.25	-1.98 -1.61 -1.07	.92 1.09 1.39	26 28 5	.0	0 0 0		8 9 11	2 2 3	0 1 1
MEMPHIS MEXICO MOBERLY RAOIO KNCM NEW FLORENCE OREGON	88.9 91.6 89.8 91.7 89.7	64.7 67.0 67.0 67.5 67.8	76.8 79.3 78.4 79.6 78.8	5.5 6.1 5.5	102 100 99 99 101	19 20 18 13+ 18	53 54 57 53 55	3+ 2 2+ 2 6	0 0 0 2	15 22 17 21 18	0.0	O O O O O O	4.95 3.07	-1.88 .21	.88 2.67 1.65	28 14 26 1	.0	0.0		10 4 3 8	3 2 2 3	0 2 1 0
PRINCETON ST CHARLES SAINT JOSEPH WB AP R SALISBURY SAVERTON L & 0 22	91.9 95.0 91.3 93.2 91.1	64.9 ° 70.3 68.9 67.8 69.4	78.4M 82.7 80.1 80.5 80.3	8.8 5.7 7.2		18 18	52 56 56 55 55	26 2 6 2 2		20 25 22 20 17	0	0 0 0 0 0 0 0 0 0	3.53 1.95 2.61 1.66	-2.05 -3.85 -4.51	1.21 1.10 .68 1.38	28 26 8 28 6	.0	0 0 0		9 5 10 7 6	3 2 3 1 0	1 0 1 0
SHELBINA STEFFENVILLE TARKIO TRENTON UNIONVILLE	90.0 88.3 91.1 90.7 86.8	65.7 65.8 65.1 66.4 63.4	77.9 77.1 78.1 78.6 75.1	4.5 6.3 6.4 3.8	98 97 103 101 99	19 18 18	53 52 51 55 51	1 2 26 6	0 0 3 0	18 14 20 19	0 0 0	0 0 0	5.80 2.75 4.87	.43 1.26 -2.21 17 -2.15	2.48 2.50 1.07 1.82 1.55	14 14 8 28 28	.0 .0 T T	0 0		6 7 8 9 5	4 4 2 4 2	1 2 1 2
VANOALIA WARRENTON 1 N	93.6	67.4	80.5	7.1	102	19	51	2	0	23	0	0 0	2.98	80	.71	26	Т	0		5	4	0
OIVISION			78.7	6.2									2.95	-1.97			Т	:				
SOUTHWESTERN OIVISION										П												
ANGERSON 1 SW APPLETON CITY 80LIVAR 80ONVILLE WATERWKS 8UTLER	94.3 95.6 94.5 90.6 93.4	64.9 68.4 70.2 68.5 70.9	79.6 82.0 82.4 79.6 82.2	6.9 7.6 9.6 7.0	101 104 102 100 102	15+ 15 <sup>†</sup>	54 58 59 57 61	21 2 2 6 2 <sup>+</sup>	0 0	24 24 23 17 24		0 0 0	1.65 2.15 2.19	-5.46 -5.42 -3.16 -2.86	.25 .77 .91 1.55	6 1 6 28 26	T .0 ,0	000		4 5 5 5 6	0 2 3 1	C 0 0 1
BUTLER CAA AP CAMOENTON CAPLINGER MILLS CARTHAGE CLINTON 1 NNW	94.9 .96.2 .95.5 .96.0 .93.2	69.0 67.7 69.0 70.7 68.2	82.0 82.0 82.3 83.4 80.7	6.9	103		60 55 58 61 57	21	0 0 0	23 27 24 27 22		0 0 0	.90 1.43 .69	-4.73 -3.85	.44 .55 .55 .48	5 26 6 6	.0 .0 T .0	0 0 0 0		5 4 5 3 3	0 1 2 0 0	0 0 0 0
ELOON HARRISONVILLE HERMITAGE JEFF CITY KWOS JOPLIN CAA AP	93.5 93.9 93.8 93.1 96.1	68.0 67.9 64.5 67.2 72.9	80.8 80.9 79.2M 80.2 84.5	7.8 7.8 6.4 11.1	103 101 104	19 13 19 19 11+	55 51 50 54 62	2 6 2 21 5+	0 0 0 0	24	0	0 0 0	.75 2.35 1.50	-2.24 -4.04 -2.73 -5.10	.93 .39 1.58 .57	6 26 6 26 5	.0	0 0 0 0		5 7 2 5 3	2 .0 .2 1	0
K C UNIV-OF K C LAKESIOE LAMAR LEBANON 1 ENE LEXINGTON	94.6 94.5 94.3 94.3 93.9	69.1 65.5 70.3 67.3 70.0	81.9 80.0 82.3 80.8 82.0	7.5 5.0 8.1 8.1 9.1	102 102	11+ 20 13+ 19 12+	58 52 62 56 53	6 2 2+ 2 6	0	24 26	00000	0 0 0	1.75	-5.02 -2.86 -4.19 -4.97 -3.17	.99 .86 .68 .14	27 28 26 1 28	.0	0 0 0 0		3 4 3 2 8	1 2 2 0 2	0
LOCKWOOO MARSHALL MARSHFIELD MONETT MOUNTAIN GROVE 2 N	95.2 93.7 93.6 95.7 93.9	70.0 69.5 68.0 71.8 68.2	82.6 81.6 80.8 83.8 81.1	9.0 8.4 9.3	102 101 103	19 18 <sup>†</sup> 19 13 12 <sup>†</sup>	60 57 56 63 57	2 2 6 2	0: 0: 0:	22	00000	0 0 0	2.05	-3.83 -2.75	.90 .81 .71 .30	6 28 1 26 12	.0 T .0	0 0 0 0		4 6 2 1 3	2 2 1 0 0	0 0 0 0
MOUNT VERNON 3 SW NEOSHO NEVAOA OZARK 8EACH	95.7 94.9 96.3	69.5 68.0 71.6	82.6 81.5 84.0	9.3 7.7 10.5	103 101 104	12 11	55 61	21 21 2+	0.0	26 25 27	0000	0 0	2.33	-4.99 -5.48 -3.12	.08 .39 1.50	1+ 6 6	.0	0 0 0		5 3 4 5	0 0 2	0 0 1
SEDALIA  SELIGMAN SEYMOUP 4 NNE SPPINGFIELO W8 AP SWEET SPRINGS	94.1 92.3 93.2 92.9 94.4	69.6 71.2 63.1 68.7 67.7	81.9 81.8M 78.2M 80.8 81.1	7.7 9.4 6.5 7.9	98 102 101	15+ 20 15 19	59 60 56 61 56	2 6 2+ 1 21	0 0 0 0	23	0 0 0 0	0 0 0 0	.00 1.38 1.22	-4.64 -4.95 -3:96 -4.34	.00 .78 1.01 1.14	29 1 28	.0	0 0 T 0	1	n 0 m m 6	0 2 1 1	0 0 1

#### TABLE 2 - CONTINUED

					Tem	perat	nte			7							J	Precip	Itation				-	
											1	No. of	Day	_			T		Snow.	Sleet, H	ail	No	of D	аув
Station		R			Fron					Days	М	ax.	М	in.		e e	Day			Depth		More	More	
		Average Maximum	Average	Average	Departure From Norze	Highest	Date	Lowesi	Dale	Degree 1	90° ec	32° or Below	32° or Bolgw	O° or Bolow	Total	Departure From Normal	Greatest	Dale	Total	Max. Depth on Ground	Date	.01 or l	보	1.00 or More
VERSAILLES WARRENSBURG CENT T C WARSAW NO. 1		94.3 94.3	68.5 70.7	81.4 82.5	8.6	103 103	19 18+	60 60	3 6	0	26 24	0 0	0	0	.93 2.36	-2.70	.76 1.06	6	.0 T	0		3 5	1 2	0
WASOLA WAYNESVILLE 2 W		94.9	68.4 63.5	81.7 79.3			19+ 13+	60 48	2	0	24 26	0	0	0	.34 1.06		. 34	26 26	.0	0		1 3	0	0
WINDSOR 3 NW		92.8	68.8	80.8M		101	19	58	2	0	22	0	0	0	1.61		.66	1	Т	0		5	1	0
OIVISIDN				81.5	8.2										1.20	-3.98			T	•				
SOUTHEASTERN OIVISION																								
ADVANCE 5 ESE ARCAOIA BIRCH TREE BLACK 6 NW CAMPBEÜL		96.2 93.6 94.2 90.1	67.0 63.8 64.8 62.8	81.6M 78.7 79.5 76.5M	6.5 6.9 6.8 4.6	105 102 103	19	49 46 49 45	3 3 3	0 0 0 3	28 24 23 16	0 0 0	0000	0 0 0	2.12 3.04 2.00 4.74	-2.18 -1.10 -2.41 .68	1.02 1.48 .94 1.40	23+ 26 27 12	.0 T .0 T	0 0 0		3 4 5 6	2 3 2 4	2 1 0 2
CAPE GIRARDEAU MO ST CARUTHERSVILLE CHARLESTON CLEARWATER DAM CRYSTAL CITY 1 N		93.6 94.3 94.8 95.4 95.3	69.8 72.6 70.8 63.8 65.8	81.7 83.5 82.8 79.6 80.6M	5.1	100 102 105	20 16+ 9 20 19	56 61 56 50 50	2+ 3 3 3	0 0 0	25 26 27 25	0 0 0 0	00000	0 0 0 0	2.20 .91 2.60 2.06 4.13	-2.10 -2.90 -1.29	1.03 .52 .97 1.76 3.50	14 8 23 27 25	† † † .0	0 0 0		3 4 4 5 4	2 1 3 1	1 0 0 1
DONIPHAN FARMINGTON FARMINGTON CAA AP GREENVILLE 4 NNW HOUSTON		94.6 93.2 91.4 95.9	65.6 65.6 65.8 65.4	80.1M 79.4 78.6 80.7	5.1 6.6 7.1	102 102 104	11 19+ 20 19+ 20	54 50 49 48	2 3 3 3	0 0 0	26 24 21 28	00000	00000	0 0 0 0	4.83 1.67 1.99 1.48	-3.21 -3.92	4.35 .86 1.24 .87 .57	11 26 26 27 11	.0 .0 .0	0 0 0 0		2 6 4 4 2	1 1 1 1	1 0 1 0
JACKSON KENNETT RADIO KBOA KOSHKONOMO LICKING 4 N MALDEN CAA AP		95.9 97.5 94.5 93.3 96.2	68.7 70.9 69.2 69.9 70.6	82.3 84.2 81.9M 81.6 83.4	8.2 7.5 8.6	104 102 101	19+ 11+ 19+ 14 19+	51 56 56 60 56	3 3 4 3	0 0	28 30 24 23 27	0 0 0 0	00000	0 0 0 0	2.84 1.77 1.29 1.22 2.47	-1.85 -3.21 -3.34	.98 1.50 .81 .81 1.60	14 11 12 26 23	.0 .0 .0	0 0 0 0		5 4 3 4 3	3 1 1 1 1	0 1 0 0
MARBLE HILL PERRYVILLE POPLAR BLUFF PORTAGEVILLE		95.8 94.2 95.0	65.1 67.4 68.4	80.5 80.8 '81.7	6.5	104	19+ 20 21	46 50 52	3 3 3	0 0	28 27 26	0	0 0 0	0 0 0	1.19 1.76 1.11	-3.29 -3.01	.88 .83 1.01	27 14+ 27	.0	0 0		2 3 3	1 2 1	0 0
ROLLA SCHOOL OF MINES		93.4	68.5	81.0	8.0	103		56	2		24	0	0	0	1.76	-2.65	1.09	26	.0	0		4	2	1
SAINT LOUIS WB AP SAINT LOUIS WB CITY SAINT LOUIS UNIV SAINT LOUIS WASH UNIV SALEM	R R	93.0 92.8 92.7 93.6 92.8	70.0 72.0 72.0 70.8 67.2	81.5 82.4 82.4 82.2 80.0	6.4 6.6 7.2 7.4 7.6	103 103 103 104 102	19 20 20	57 61 61 58 51	2 2 3 2	0 0	23 22 23 24 23	0 0 0 0	00000	0 0 0	2.04 2.12 2.09 3.14 .68	-2.33 -1.68 -1.50 -2.00 -3.97	.99 1.45 1.16 .95	26 26 26 14 12	.0	0 0 0 0		5 6 5 2	1 1 3 1	0 1 1 0 0 0
SIKESTON SIKESTON CRDP EXP FARM UNION 1 SE VICHY CAA AP WAPPAPELLO DAM		95.7 95.8 92.0 92.7 94.7	72.5 69.3 65.7 68.3 69.9	84.1 82.6 78.9 80.5 82.3	9.8 4.8 6.2	106 106 103 102 104	20 20 19	56 53 50 56 56	3 3 2 3	0 0	26 27 23 24 25	0 0 0 0	00000	0 0 0 0	1.22° 1.31 2.96 1.68	-2.97 -1.34 -2.36	.65 .62 .84 .60	27 26 12+ 11 27	.0 T .0	0 0 0 0		4 5 6 4 4	1 3 2 1	0 0 0 0 1
WEBSTER GROVES WEINGARTEN WEST PLAINS WILLOW SPRINGS		92.1 92.9 94.0 95.2	69.1 68.3 67.0 67.6	80.6M 80.6 80.5 81.4	7.1	102 103 102 103	19+	56 54 53 54	2 2 3 3	0 0	22 23 24 25	0 0 0	0 0 0	0 0 0	2.69 6.34 1.74 .66	-3.22 -4.17	1.38 3.60 1.20 .54	26 26 26 12	T T .0	0 0 0		5 4 4 2	2 2 1 1	2 2 1 0
OIVISION				81.1	6.9										2.16	-2.19			T					
STATE				80.4	7.1										2.14	-2.66			Т					

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	y of m	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
DVANCE 5 ESE	2 • 12														.08									1.02		T 1	1.02				-
LBANY LTON 6 ENE MITY	2.40 2.45 4.29					.13				1.02	.45	т	.70			т	т				т		T	т	05		•53	•40 •14	•23 •74	1 • 35	
NOERSON 1 SW NNAPOLIS 7 SW	2 • 94						•25						.25		.04	т						i	. 03	.14	• 05			1.56			
PPLETON CITY RCADIA : UXVASSE	1 • 65 3 • 04 3 • 28	.77				.02	•17		•11			. 67			.52 1.12											1	.31 .48		T •04		
VA RANGER STA ELLEVIEW	3.16		•01				.41						.04		.68										•58 •76	.14		1.49			
ERNIE ETHANY 1RCH TREE	1.98 5.32 2.00				т	T •18	.40		. 62	2.76	ø 59		.78	.04	.19 T								.10		• 76	.14		•91 •05 •94	• 55	.09	•03
LACK 6 NW	1.59					.75						.70	1.40		•32 •12									.19	•62		.38	. 75		.10	
DITYAR DONVILLE WATERWKS DWLING GREEN	2.15 2.19 3.38	.14				.01	•91 •38 •67						.15		T .35												.57 .10		T 1 • 5 5	•02	
RAOLEYVILLE	3.93	-	-	-	-	-	-	-	- 66	.16	~	-	-	-	-	-	13	-	-	-	-	-	•	-	- 70	- 08	-	- 09 2	2.11	-	-
UNSW1CK	3.06 1.96 1.67		.66			.09	•24		•30	***			1 01		Т		•••									T	•37 •91	•17 2	2.17		.02
NKER RLINGTON JUNCTION	2.87				•16	. 84	.10		1.03	.42			1.04		.04	.18										.24		•40]	т		
ITLER ITLER CAA AP IMDENTON	1.22 .90 .90	.10				. 04 . 44 T	.38 T	т										Т			т	Т	Ť			.06	•62 •22 •55		.09		
MPBELL NTON L AND D 20	3.30	1	-	-	-	-	.34	-	.80	.44	-	-	-	-	.17	-	-	-	-	-	-	-	-	-	-	•37	.04	-	1.14	-	-
PE GIRARDEAU MO ST PE GIRARDEAU PLINGER MILLS	2.20 1.79 1.43					•02	.55							Т	1.03 .71 .02		T							.94	. 85		•23	• 23	т		
RROLLTON RTHAGE	1.83						.03 .48	.01	.16						• 05	Т								.12		80.	•09	•50	1.00		
ARUTHERSVILLE ASSVILLE RANGER STA ENTERVILLE	.91 .04 1.90				т	T T	T •05	.20	•52				T .54		.11										т			.08 .04 1.26		T .01	Т
ENTERVILLE RANGER STA ENTRALIA	2.67					. 15	.40	•02					.83		.08											1 2	•50	•11	.60		
HADWICK HARLESTON	.58 2.60		. 32				.05				Į.		•14		.91									•97			.12	ø67			
HILLICOTHE 2 S HILLICOTHE RADIO KCHI LEARWATER DAM	1.92 2.15 2.06	т					•03		.59	•02	Т		.24	Т	•05 •07 •03	.04	1	Т			т		Т	'	• 02	.09 .10	•04	•07 •08 1•76	1.20		
IFTON CITY INTON 1 NNW	1.05	T .45					.37								*08											τ	.11		. 29		
LOMA LUMBIA WB AIRPORT R NCEPTION	2.84 1.06 2.84				•12	.02	•32		•70	.79	т			.01 T	т	т	• 29				•30	_	т		+17	•12	₹ •36	•32	.23		
NCORDIA OK STATION	1.16	. 05					•06	т	т				1.28		•21	т						T				т	•27	т	.57		
ANE MOUNTAIN OCKER LYSTAL CITY 1 N	2.07 3.70 1.18 4.13	•16				.03	.40					т	.80		•22	T •60	+33									T 3.50		1.95	.30		. 02
184	1.74	т				. 29	т						•08		.65	•••									• 30		.72	. 91			
ERING SOTO XTER	4.23						.17						•22		•52 •19	т.									•04 •87		2.14				
NIPHAN 2 W	3.24					20						4.35	2.87														. 48	•37			
ST END DEERTON DINA	2.99		-	-	-	-30	-22	-	.76	- •02	-03	-	- 25	-	- •28 T	 T	-45	-	-	-	-	-	-	-34	-	-46	.06	-	1.16	-	-
DON DORADO SPRINGS	1.63	.15				Т	.93	.89							'	1										•01	•25		• 59		
IJAH LINGTON LSINORE	2.27 2.78 1.05				.05	•20						.48															.80	1.49 .80 1.00		•25	
SBERRY	2.92					T .70	.31		.65	.71			•65		.10								т			1	.86	т			
ARMINGTON ARMINGTON CAA AP AYETTE	1.67					.47	•34						+02 T	т.	• 32	т	Т							.01	• 03	1	.86 1.24 .24		T .86	•10	
DR'SYTH	.73	.04					-				_				Т _			_		_							-	.73	-		
OUNTAIN GROVE WILDLIFE	1.55			_	-		T .47	Ť	•70	.10			т.	T	•96	Т	T			_		-		-	•12	.08		1.02	• 55	-	-
REMONT TOWER DLTON 4 SW	2.67	Т					1.27						•11		• 20											1	1.19	- 1	т	т	
ALENA ALLATIN 2 NE ERALD	*14 5*69 2*20	N.	•13				.01		•68	. 36	1.58	•21			•64				;		Т		т			•22	.45	•81	1.58		
ANBY ANT CITY	*21 3•47				•07	. 38			1.40	.68	•41		T	Т									•21			•10			•12		
REENVILLE 4 NNW REGORY LANGING ROVESPRING	1.48 2.34 .12		.03				•08 •48		•43	•28	•03		T T		•10										.43	т	т	•87	.95		
ANN I PAL	1.64						.80	т	•15	٥٥3	т				•48		• 02										•09 •08		•08		
ANNIRAL WATERWORKS ARRISONVILLE AZLEGREEN 2 W	1.72	.10					1.05		•12 •01	.01				•31		.02	•01									•12	•39	• 02	.07	•10 •14	
FRMANN ERMITAGE	1.78						.23 1.58						.11		.55												•72 •77	•17			
DUSTON	2.84						( 2					. 57			• 98	т .								.88		•22	•62 •57		• 09 • 14		
FFF CITY KWOS FFFERSON CITY ROME	1.50 1.32 .92	+21					.57						a30		.18 .15											T	•39		•02		
DPLIN CAA AP	4.14					. 70	.90		•83						.61		т	т				Т	•17	T		}	.03		1.80		
ANSAS CITY WA APT R C UNIV OF F C ENNETT PADIO KROA	1.48	řj.				•06		т	.33 T	.01		1.50	т		.03	.02 T					Ť	•07	. 09	т		•25 •31	•23	• 71	.03		
ETTESVILLE 4 NE	-	-	-	-	-	:	-	-	-	-	-		-	-	-	-	-	-	Ξ	-	-	-	-	-	-	-	-	-	_	:	-
ING CITY IRESTILLE RADIO FIRX IRESTILLE CAA AP	2.77	-	-	-	-	-	• 29 • 39	-	- •80 •54	-	- 01	-	-	T T	- •53 •53	т	-	-	-	-	-	-	-	•	•16 •15	•01	-	- 1	- •90 •07	-	-
OSHFONONG A RELLE	1.29	}	.0				.40						.81		1.56										-10		1 . 24	.47			
AV FSIDE AMAP	1 • 75	1	.15				.64 .52		.07	. •24					T T											ľ	.12	1	.86		
AMPE FOREST SERVICE ATHROP 3 SW	-10	-	•10 =	-	-	-	-	-	-	<u>L</u>	-			-	-	-	-	-	-	-	-		-	-		-	_	- 1	-	-	-
RAHON 1 ENE KINGTON	1.36	.14	5				↑ •02		.11	т					.08		т				т		т			•02	•06 •02	•51	•56	Т	

Table 3-Continued

Table 3-Continued																																1903
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	Da <sup>-</sup>	y of m	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
LICETHO 4 N LINNEUS 2 S LOCENDOD LOUISTANA STARKS NUR LOUISTANA	1.27 2.90 1.85 2.25 2.87	•14 •01 •05		• 25		.18	.90	Т	.50 .03			. 32	.20	.32	.10 .07		.19								•07	.08 .11 .05	.81 .65 .92 1.54	•08	1.50			:
LUCERNE MALEDONIA LOOKOUT MALON MADISON MALORY CAA AP	2.97 1.51 3.11 3.24 2.47				T	1	•11 •17		•52 •90 •18	T . 32	.03	.99			T •47 •43	•23	Т						Т	1.60		.02	.49 .08 1.02	T •03	1.09	•03 T		•
MANSFIELO MARRIE MILL MARSMALL MARSMALL MARSMATINSPLOR	.55 1.19 2.05 .79 4.37	.69 .71 T	. 30				.03		.02				•04		.31							,					.21 .46 .08 1.45	•88	. 81 . 05			
WARTY I LLE WEMPH IS WERCER O NW WEXICO MIDDLETOWN 5 NE	4.04 3.25 4.16 4.95 1.95	.10		Т	.03	1.39	.50 .12 .28		.91 .80 1.08	.52	•05		.03	T •06	.38 2.67 .54	Т	•24			Т		.04	.05		•23	• 29	.08 1.77 1.14	• 03	•37 •88 1•66 •23			
MILAN MERERLY PAOID ANCH MERETY MOMERE EDITY MOREHOUSE	3,34 -30( 4,58) .89						.86	т	1.26 .03	.31	•56			2.30	•11									•03		.15 .64	.20 .30	. 35	.82			•
MOSELLE MOUNTAIN GROVE 2 N MOUNT VERNON 3 SH NEOSHO VEVADA	3.70 .12 .27 .49 2.33	.08	.03	•05		#04 T	.45 .05 .39		т				.70 .08 .02		* 30 † T		т	т						T •08	•55	т	.08 .02 .03	1.70 .01		τ		• • •
WEW ROSTON WEW FLORENCE NEW MADRIO WOONINGER 1 E OATES TOWER	3.80 3.07 .32	:	=	-	-	T 	.02	-	.84	.74	Ξ	т. Е	Ξ	T	•94 T	т _ :	<u>-</u>	<u>.</u>	-	:	-	-	-	-	-	•54	.07 1.65	.32	1.59	T	-	•
ODESSA DEELON OSCEOLA 3 NE ODENSYILLE OZAPA	2.74 2.56 2.77	.60 .78 .72	T - .26	-	-	- 1	.02 1.28	T -	.12 .70	- 17	-	-	-	-	•04	T -	Ţ	-	-		-	-	.06	.03	-	- 52	•73	•10	1.40 .76 .02	<u>T</u>	-	
OZAPA REACH PACIFIC PALMYRA PARIS PARMA	2.30	-	-	-	-	-	T .83	-	•09	- •91 -	-	-	- 24	-	.90 .28 -	-	-	-	-	· - -	-	-	-	-	.01	15	- .95 1.10 - T	.20	- • 48 -	-	- T	
PERRYVILLE PIERCE CITY PLEASANT HILL POLO POPLAR BLUFF	1.76 .15 1.20 3.04 1.11					• 28	.03		•20 •62				T • 02		.83	т	•01				т		т		•10 T	•15 T	•40	.83 .12 .48 1.01	т.	.04 1.66		
PORTAGEVILLE PRINCETON PUNICO QUEIN REYNOLDS	3.53 2.11 .62 2.99	-	-	-		.34	.10	-	.67	.28	•58	-	T 1 • 43	-	- •17 •23 •02	-	-	-	-	-	-	•02	-	-	.47 1.13	-	-	- •03 •75 •49 1•22	1.21	т	.06	
RICHWOODS ROBY ROLLA SCHOOL OF WINES ROUND SPRING SAINT CHARLES	3.83 .34 1.76 1.22 1.95	•06				т	.34						.84 .03 .50 .26		•53 •02 •12												.06 1.09	2.12 .96 .05	.07	•17		
SAINT JOSEPH WA AP R SAINT LOUIS WA AP R SAINT LOUIS WA CITY R SAINT LOUIS WALY SAINT LOUIS WASM U	2.61 2.04 2.12 2.09 3.14			•02		.19 .04 T	.05 T T	•55	•68	•12		T T	.08 .09 .25	T •47 •22	T •01 •46 •95	.02 T T						Т	Т	.09 .10	T • 49	.02 .46 T	.43 .99 1.45 1.16 .83	•11	7 7 •26 •11			
SALEM SALISAURY SAVERTON L AND D 2 SEOALIA SEELIGMAN	.68 1.66 1.21 .64	•11					.03 .41 .33	•05	•03 •12	*02 T			• 55 T		.23 .13		T T									•13	•13 •40 •05		1 • 38 • 04 • 02		• 02	
SEY WOUR & MILE SMELRINA SMELRYVILLE SIKESTON SIKESTON CROP EXP FARM	1.38 4.91 6.11 1.22 1.31		•50				-10 -65 -55 T	.34	.30 .52 .16	.61 1.76					2.48 1.86 .27 .23	т	т							•01	T • 11	•15 •14	•12	. 65	.75 1.27	.7θ		
SILOAM SPRINGS SPRINGFIELD UP APT R STEELVILLE 2 N STEFFENVILLE STOVER	1.91 1.22 5.60 1.39	-	-	-	-	-03	- 1.46 1.15	-	•95	-07	.04	-	•91 -	<u>T</u>	T _ 2.50	-	-	Ţ	-	-	-	-	-	-	-	T - T	•18 - •06	1.00	•72	-		
SULLIVAN 5 E SUMMERSVILLE SUMMER 2 S W SWEET SPRINGS TARKIO	2.00 1.46 1.05 I.88 2.75	.07		T T	.08	T T •68	.10 .07	т	.30 .01 1.07	•02	T •04		•37 1•46	T T	• 43 T • 34	т	T •17			т	т	Т			. 05	T •07 •24	1 • 1 5 • 0 5 • 2 5	+17				
TECUMSEH 2 N TOPAZ & NE TRENTON TROY UNION 1 SE	2.11 .82 4.87 3.35 2.96	т				.82	.05 .80 .09			1.00			.45	.36	.32 .06 .50 .23						т		т		• 71	•21	.30 1.60 .84	.52 .25	1.82	•41		
UNIDONYTLLE VALLEY PARK VAN BUREN VANDALIA VANZANT 4 SE	3.04 1.31 1.08		-	.06	-	T -	.03	-	•72	-	•15	T -	•12 - •27	-	.19 -	-	-	-	-	-	-	-	-	-	T -	- 49	.79	1:08	-	-	-	
VERSAILLES VICHY CAA AP WACO WAPPAPELLO DAM WARRENSBURG CENT T C						Т	.76 .75 .08		т			.60	т		.50 .06	Т							• 02	•22	. 04	Т	.85	1.42	.20	T T		
WARRENTON 1 N  WARSAW NO 1  WARSAW NO 2  WASOLA  WAYERLY	2.98 - 1.33 .34 2.28	•03		-	-	-	.70 .79	ī	-	-	•60	•67	-	-	.16	-	-		-	-	-	T	-	-	Ť	T •21		-	82	-	- T	
WATHESVILLE 2 W WEBSTER GROVES WEINGARTEN WEST PLAINS WILLIAMSVILLE	1.06 2.69 8.34 1.74	.02				T +42 T	т						.30		•18 •32	•03								2.00	. 34		.85 1.38 3.60 1.20	ø60:	•04 T	т		
WILLOW SPRINGS WINDSOR 3 NW ZALMA 5 E	1.60 1.61 1.39	.66					•23						.54	•12	.37									т			.21	.70		.14 .54		

## MONTHLY AND SEASONAL SNOWFALL Season of 1952-53

MISSOURI JUNE 1953

					Season of	1952-53								JUNE 1953
Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term meens July-June
AOVANCE 5 ESE ALBANY ALTON 6 ENE AMITY ANOERSON 1 SW		Т	Т		T 2.0 - 3.3 2.3	T 7.5	T 3•7 3•0 •5	- - T	10.7°	T 1.0	т	τ Τ	7 - - - 2.6	
ANNAPOLIS 7 SW APPLETON CITY ARCAOIA AUXVASSE AVA RANGER STA			T		T •5	1.1 T	3.0	T .1	.5 8.0	•5 T	т	т	5.6 T	
BELLEVIEW BERNIE BETHANY BIRCH TREE BLACK 6 NW					- - T -	- •5	6.0	2 • 0 T	T 14•5	3 • 0 T	Т	т		
BLOOMFIELO BOLIVAR BOONVILLE WATERWKS BOWLING GREEN BRADLEYVILLE	_	_	_	т _	. 6 1.0 1.5	• 2 • 5 • 5	1.2	•2	T .1 B.5	2.5	T T	т -	6 5.2 13.1	
BROOKFIELO BRUNSWICK BUFFALO BUNKER BURLINGTON JUNCTION			Т		=	1.00 T	-	т -	12.1	4.0		7	:	
BUTLER RUTLER CAA AP CAMOENTON CAMPBELL CAMTON L ANO 0 20	-	-	-	T _	1.5 .9 2.0 - T	.6 .4 2.0 -	6.3 2.7 4.3	T •1 T T	4.5 2.65 - -	•5 •2 4•0 —	T T	- T	13.4	
CAPE GIRAROEAU MO ST CAPE GIRAROEAU CAPLINGER MILLS CARROLLTON CARTHAGE				т	1.0 1.5 - 3.0 1.3	1.3 · · · · · · · · · · · · · · · · · · ·	T - 6•0	TTT	T	T		Т	2 · 3 1 · 5 27 · 5	
CARUTHERSVILLE CASSVILLE RANGER STA CENTERVILLE CENTERVILLE RANGER STA CENTRALIA			•5		.5 2.0 1.4 1.0	T T 1.4	2.0	T T	T T •2 - 4•0	T • 5		T T T	05 400 - 1200	
CHAOWICK CHARLESTON CHILLICOTHE 2 S CHILLICOTHE RAOIO KCHI CLEARWATER OAM			т		- •6 5•2	T 1.6 2.4	- T 5.0 5.1 T	T •2	T	T 	т	T T	25.0 T	
CLIFTON CITY CLINTON 1 NNW COLOMA COLUMBIA WB AIRPORT COLUMBIA U OF MO 9 NW		т	- T		1.0 - 1.0 2.0	. T - 3.2 3.0	- - 4.1 2.5	T T	7,6	T T - •2	T T -	-	16:1	19.9
CONCEPTION CONCORDIA COOK STATION CRAME MOUNTAIN CROCKER	т				T 2.0 1.0 T 1.0	7.5 T - 1.6	2 • 5 5 • 5	т	10.0 T	T T 2.0	т		17.5 - 8.1	
CRYSTAL CITY 1 N CUBA OEERING OE SOTO DEXTER	Т	т т	т	т	1.0 1.0 1.2 1.0	1.3	1.0 2.0 1.3	т -	4.5 1.6 4.5	3 • 0 2 • 5 2 • 0		т	8 • 4 1 • 2 - • 5	
OONIPHAN 2 W EAST ENO EOGERTON EOINA	-	-	Т		T .3 -	5,3	7.9		1.3 - 11.0	T 1•3 - 5•5	T - T	T T -	30.3	3
ELOON ELOORADO SPRINGS ELIJAH ELLINGTON ELLSINGRE					1.2 1.0 T	2+1 T	2.0	Т	2 • 8 • 5	T 1•8	T T		8 • 1 3 • 8  T • 7	
ELSBERRY FAIRFAX FARMINGTON FARMINGTON CAA AP FAYETTE					1.0 6.0 .8 .6 1.2	2.4 - 1.3 1.9 1.0	2 • 5 T • 8 • 4 3 • 4	T	7.0 6.0 1.0 .3 7.5	1 • 0 • 7 T	т	т	12.9 - 4.9 3.9 13.1	
FISK FORSYTH FOUNTAIN GROVE WILOLIFE FREDERICKTOWN FREMONT TOWER	-			-	· •7 - •5 •6 -	- T 1.0	12.2 T	-	10.1 T	T T	-	- T	1.6	
FULTON 4 SW GALENA GALLATIN 2 NE GERALO GRANBY		Т			1.0	6.5 T - 2.7	2.5	т	8 • B - 4 • 5 T	2.0		. т	19.1 1.5 - 13.0	
GRANT CITY GREENVILLE 4 NNW GPEGORY LANDING GPOYFSPRING HAILFY	-				4.0 .5 T 1.0 1.7	10.0 .5 2.0 1.0 T	8.4	5.0 T T	10.0 T 7.5 T	T - 4.5 1.5 -	Т	т	33.0 - 22.4 5.0	
MANNIBAL MANNIBAL WATERWORKS MARPISONVILLE MAZEFGREN 2 W MERMANN			Т		- .6 2.0 T 1.0	2.0 1.4 - T	3.6 3.7 4.5	Т	9.5 - T B.5	2.0			17.5	
HERMITAGE HOUSTON	-	-	der .	-	-	=		-	-	-	-	1	ļ :	

## MONTHLY AND SEASONAL SNOWFALL

Season of 1952-53

MISSOURI JUNE 1953

					Season or									JIME 1953
Station	July	August	September	October	November	December	lanuary	February	March	April	May	June	Total	Long-term means July-June
JACKSON JEFF CITY KWOS JEFFERSON CITY JEROME JOPLIN CAA AP					T 1.00 .8 2.00 1.3	T 1.3 1.4	T. •7 •4	T T T	T 6.5 6.0	T	Т	•	T	
KAMOKA KANSAS CITY WB APT K C UNIV OF K C KEMMETT PAOIO KBOA KEYTESVILLE 4 NE	-	-	т -	T T	4.6	4.2 1.5	2.7	т –	11.0	Ť		т -	22.3	20.7
KIDDER KING CITY KIRKSVILLE RADIO KIRX KIRKSVILLE CAA AP KOSHKONONG	-	-	т	-	- - •2 •5	5.6 - - 4.5	- - 5.6	- T T	9.6 - 10.1 T	- - 4.8 T	- - T	-	25 • 2 • 5	1.5
LA MELLE LAKESIOE LAMAR LAMPE FOREST SERVICE LATHROP 3 SW		-	-	_	T 2.5 1.0 2.8 -	4.0 1.0 T T	10.4	T T T	8.5 1.0 T T	7.0 2.0 1.1 T	т -	T	29.9 6.8 4.1 —	1
LEBANON 1 ENE LEEPER LEXINGTON LICKING 4 N LINNEUS 2 S					1.0 T 1.1 T 3.0	T 2.6 1.3 2.0	- 4.9 .4 5.6	T	T 12.0 10.0	- •1 1•2 3•0	∓ † •1	-	20.7 2.9 23.7	
LOCKWOOD LOUISIANA STARKS NUR LOUISIANA LUCERNE MACEDONIA LOOKOUT				٠т	1.0 T	1.0	2.0	T 7 •6	5.0 7.5	- T	т		8.0	
MACON MADISON MALDEN CAA AP HANSFIELO MARBLE HILL			Т		1.0 -8 T	2 • 3 T	6.0 T	т	14.0 T	2.0		7	25.3	
MARSMALL MARSMATELO MARTINSBURG MARYVILLE MEMPHIS		т			1.0	- - - 8 6.0 5.0	2.3	1.00 T 3.0	- •3 ••4 9•0 11•0	- •3 T T 7•0	т	Т	20.3	
MERCER 6 NW MEXICO MIOOLETOWN 5 NE MILAN MOBERLY RAOIO KNCM					1.0 .8 1.4 2.5	12.0 1.6 .9 8.0 1.0	8.0 2.2 7.0. 5.5	- T	12.0 5.7 - 13.6 6.0	3.0	т	Т	-	
MONETT MONROE CITY MOREHOUSE MOSELLE MOUNTAIN GROVE 2 N			т		•5 T - •7	2 • 1 T - 1 • 5	6.0 2.0	T •1	T T 6.0	2 • 0			- T -	
MOUNT VERNON 3 SW NEOSHO NEVAOA NEW BOSTOM NEW FLORENCE					1.4 1.0 .5 T	T T 1.00	1.5	T T T	T 	T	т	т	2.9	
NEW MADPID NOVINGER 1 E OATES TOWER ODESSA OREGON	-	-	-	=	1.0	1.0	T - 8.0 1.5	- T	T 8.0	- T	- T	:		
OSCEOLA 3 NE OMENSY ILLE OZAPK OZAPK BEACH PACIFIC	-	-	-	-	2 • 0 T 2 • 0	4.1	4.0 T .3 1.0	•5		2 • 0 - • 5 - 2 • 0	-	-	-	
PALMYPA PARIS PARMA PERRYVILLE PIERCE CITY		Т	-	-	T T 1.00	4.0 - T	10.0	T -	- - T	- T - T	- T	-	7	
PLEASANT MILL POLO POPLAR BLUFF POPTAGEVILLE PPINCETON	-				3.6 - 7 .5	2.0	5.1 2.5	T T	12.0	Т	T - T	-	22.7	
PUXICO OULTO REYMOLOS RICHMOOOS ROBY					T T T -	T 2.0 2.3 3.0	- -	т	ī	=			T T 2.0	
ROLLA SCHOOL OF MINES ROUMD SPPING ST CHAPLES SAINT JOSEPH W8 AP SAINT LOUIS WR AP 12 NW	Т	Т		Т	2.0	1.5 1.8 8.3 2.5	1.0 2.0 3.4 1.6	T T	13.8 5.3	4.5 - T	TTT		27.8 10.8	19.5
SAINT LOUIS WE CITY SAINT LOUIS UNIV SAINT LOUIS WASH U SALEW SALISRUPY			т		1.4 1.5 - .5 .8	2 • 7 • 4 - • 5 • 5	2 • 3 2 • 0 - • 5 6 • 7	T T	6.5 - T 10.4	1.0	T		13.9	17.3
SAVERTON L AND 0 2 SEOALIA SELIGMAN SEYMOUR 4 NNE SMELBINA			Т	Т	7 2.0 3.0 - 2.0	2 • 6 T	2.5 4.5 1.0 - 5.8	T T T	9.0	1.5 T			15.6 14.5 4.0	
SHELBYVILLE SIKESTON	Т	т			T	3 • 5 T	7.4 T	т	10.0 T	2 • 5 T		1	23.4 T	

## MONTHLY AND SEASONAL SNOWFALL Season of 1952-53

MISSOURI JUNE 1953

					504552 51									JUNE 1953
Station	July	August	September	October	November	December	January	February	March	Āpril	May	June	Total	Long-term meens July-June
SIKESTON CROP EXP FARM SILOAM SPRINGS SPRINGFIELD WB APT STEELVILLE 2 N STEFFENVILLE 2 N	т	·		т	2.4 .7 .3	T 1.5 - 6.0	T	T . 8	7 •4 1•5 8•0	7 • 4 — 7 • 0	T .6	T T •3	7.6	17.1
STOVER SULLIVAN 5 E SUMMERSVILLE SUMMER 2 S W SWEET SPRINGS					2.0 1.5 1.0 2.5	2.5 2.5 .1 1.0	1.5 T 6.0 7.5	T T	- 4.0 12.3	1.0 2.5 3.0 T	T		12.0	
TARKIO TECUMSEH 2 N TOPAZ 4 NE TRENTON TROY					12.5' - T 3.0	9.0 6.0 2.0	3.0 6.0 4.0	1.0 T	9.6 T	T 2•8	7	T T	35.1 T 27.8	
UNION 1 SE UNIONVILLE VALLEY PARK VAN BUREN VANDALIA		_	_		1.5 T 3.0	4.0 - 2.0 T	3.0	**	6.0	2.5 T 1.0	T T	T -	15.0	
VANZANT 4 SE VERSAILLES VICHY CAA AP WACO WAPPAPELLO OAM		-			.5 -1 -7	1.7 T	3.0	т	1.2	7 - 2•0			8.0 T	
WARRENSBURG CENT T C WARRENTON 1 N WARSAW NO 1 WARSAW NO 2 WASOLA					2.0 1.0 1.5 1.0	T 1.5 3.8	3.0	T T	8.0 1.0 .5	T 2.0 1.5	-	-	428.4	
WAVERLY WAYNESVILLE 2 W WEBSTER GROVES WEINGARTEN WEST PLAINS			Т	Υ	1.0	- 4.0 2.9	- - - T	T T T	- T - T	6 • 0 T - T	T	T T	1.5	
WILLIAMSVILLE WILLOW SPRINGS WINOSOR 3 NW ZALMA 5 E					T T •7	Т	T 2.0	T T	4.0 T	Т	Т	т	- T 6•7 T	

Table 5									D	Al	LY	T	LN	111				-	_														1953
Station			_														Of			10	20	21	22	22	24	26	26	27	28	20	30	21	Verage
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26		28	29		31	A
ADVANCE SESE	MAX	68	53	91	92 59	67	71	62	74	68	71	73	66	96 68	70	96 65	77	65	62	73	73	98	98	65	98 65	97 75	97 63	93	69	93	70		67.0
ALSANY	MAX MIN	54	57	63	92 69	61	77 55		60	91 65	65	98	69	69	70	68	63	60	72	73	93 79	92 58	92 62	67	66	61	90	97 68	65	95 67	94 71		90.9
AMITY	MAX	60	82 57	65	72	63	54	62	92 64	63	66	74	70	72	71	68	63	63	74	74	96 78	63	92 62	68	93 68	61	87 56	66	66	70	90 72		90 . 6
ANDERSON 1 SW	MAX	62	61	61	66	63	82 59	90 62	92 76	95 65	96 66	97 61	98 62	63	65	68	95 71	95 66	98 65	66	99 79	98	96 64	62	61	95 73	97 69	97 64	96 64	93 66	92 63		64.9
APPLETON CITY	MAX	60	83 58	92 65	93 68	87 67	60	65	94 71	97 71	70	70	67	102	72	73	93 75	64	70	70	99 78	95 64	97 70	96 70	68	95 72	64	70	95 75	99 69	96 70		95.6
RCADIA	MAX MIN	93 66	86	88 46	90	85 57	86 64	90	93 73	98 67	98 69	99 67	63	93 68	65	65	93 70	93 63	98 62	102 68	100 68	66	95 60	97 61	98 60	98 68	96 64	91 62	92 76	92 69	96 69		63.1
ETHANY	MAX MIN	92	8 I 55	93 64	95 79	90 62	76 54	61	90 62	92 64	.90 68	96 73	90 68	70	68	68	85 62	90 61	99 72	100 76	97 80	90 56	90 68	94 68		93 64	87 51	95 67	64	92 68	92 73		65 .
SIRCH TREE	MAX MIN	85 65	83 52	87 49	88 54	88 65	87 62	93 62	95 73	98 69	100 67	103	95 58	97 69	93 68	93 70	97 70	95 61	67	70	103 73	63	94 57	95 63	99 64	99 71	91 67	92 63	91 68	89 68	95 70		64.
SLACK 6NW	MAX	81 64	80	81 45	87 50	86 65	86 60	<b>89</b> 58	92 72	96 67	96 68	97 68	94 67	94 66	86 68	86 68		93 63	94 62	97 68	97 66	91 58	85 54	91 59	93 60	94 69	88 66	89 60	89 67	89 67	93 68		9D. 62.
SOL IVAR	MAX	87 65	85 59	65	89 68	86 69	82 62	88 66	93 75	95 72	97 72	100 72	100 70	101 72	97 74	102 74	97 78	97 66	100 75	102 74	98 78	97 64	94 70	94 68	101 70	95 75	91 65	96 70	92 73	95 71	95 75		70.
SOONVILLE WATERWES	MAX	85 70	83 63	79 63	86 66	89 72	83 57	75 61	88 65	92 72	93 74	96 76	97 69	95 69	98 72	88 69	90 71	88 66	92 72	99 72	100 79	95 63	93 69	95 68	95 69	97 73	87 64	85 66	95 64	87 69	92 73		90 .
SROOKF1ELD	MAX	86 59	85 57	93 63	94 70	93 71	79 57	90 63	95 56	96 70	95 72	98 74	97 69	97 73	90 72	91 68	91 67	96 65	106 73	106 76	104 80	97 61	98 64	1 00 70	97 70	89 66	90 61	98 69	95 61	96 72	97 74		67.
BRUNSWICK	MAX	87 62	84 58	80 61	88	90 70	82 60	75 61	87 68	92 74	93 75	96 76	99 69	96 70	99 72	91 69	92 71	87 66	92 68	104 73	101 78	96 62	93 64	93. 67	97 71	100 72	81 65	89 65	96 67	85 71	93 73		91. 68.
BUTLER	MAX MIN	85 66	84 61	91 68	92 71	84 68	80 61	88 67	91 75	95 75	96 73	99 73	99 70	100 71	96 74	101 75	94 75	95 6 <b>6</b>	100 72	102	96 82	95 67	94 70	92 72	99 73	92 73	87 65	96 72	90 73	95 72	93 73		93.
BUTLER CAA AP	MAX MIN	84	86	94	93 71	85 64	81 60	89 66	92 73	98 73	98 72	102 73	104 70	103 72	98 71	104 73	91 69	98 65	103 73	103 74	98 67	97 65	97 71	94 71	100 70	90 67	87 64	98 71	89 73	97 71	93 71		94.
CAMDENTON	MAX	85	83	91 55	92 66	92 63	86	. 91 62	95 75	99 69		100	98 70	102		101 71	98 77	96 64	104 73	105	101 79	98 62	9 <b>6</b> 65	95 65	103	98· 72	94 61	97 65	96 68	98 68	95 71		96.
CAMPBELL	MAX MIN																																
CANTON L AND D 2	'MAX M1N	80	78 53	87 60	92 65	86 70	74	83 58	91 63	84	87 74	85 68	91 65	85 72		83 63	84 72	88	97 71	98 78	96 80	93	94 62	92 70	96 69	85 68	8 <b>6</b> 62	89	87 65	93 69	95 74		88 .
CAPE GIRARDEAU MO ST	MAX	92 72	79 56	89 56	91 64	91 69	92 73	93 65	96 75	100	98 74		99 71	97 72	85 65	89	98 76	92 70	95 67	100	103 76	97 75	95 66	94 70	95 69	95 76	88 67	92 67	91 73	91 73	97 72		93 e 69 e
CAPLINGER MILLS	MAX MIN	88	84	90	90	85 70	83	89	92 73	95	96	102		103		103	98		101	104		96 59	98	95 68		99	89	98	95 75	96 71	95 74		95.
CARROLLTON	MAX MIN	84	82 56	91	92	86	76	90	95	96 73		102	97	101	90 72	94	91		105	103	97 76	95 58	95 63		100	93	88	96 66	87	95 71	96 71		93 e
CARTHAGE	MAX MIN	97	94	90	89 70	86 70	84	90	96 76	95 73	96	100			100		97 78	98	99	101	99		95 69	93	98 71	95		100	97	95 71	94 73		96 e
CARUTHERSVILLE	MAX	93	87	87	89	90	91	91	92	96 76	96 76	98 75	95	97 71	97	95 73	100	95 74	96 73	98	100	97	97	96	96.	94	93	93	92	89	99		94.
CHARLESTON	MAX MIN	92	82	90	93	92	92	94			100	98	101	99	87 67	92	100	97	97	100	79 99	76 94	70 96	76 92	72 98	76 95	75 89	71 93	93	75 91	75 97		720
CHILLICOTHE RADIO KCHI	MAX	84	87	90	89 72	86	75 58	91 58	93	95	94	100	95	96	89	91	78 89		105	75 103	78 98	95	95	73 97	70 94	75 91	88	97	96	75 94	75 97		93.
CLEARWATER DAM	MAX	93	87	89	91	93	92	93	97			100	97		93	94			102				96	95		98	91	87	88	86	72 93		95.
CLINTON INNW	MAX	85	82	93	90	91	85	81	87	91	93	70 96	100	101	102	94	101	92	95	101	102	98	94	61 97	94	101	62 91	62 87	87	89	67 9 <b>6</b>		93.
COLUMBIA WE AIRPORT	MIN	85	80	65 88	90	70 86	77	89	92	94	96		97	100	86	89	90	91	100	102	98	93	94	67 96	100	75 91		66 95	88	70 95	97		92.
CONCEPTION	MIN	87	58 85	62 91	.91	88	75	60 87		93	93	97		93	87	85	89	90	73	100	99		70 92	95	70 98	87	65 87	69 97	65 94	93	74 93		91.
CRYSTAL CITY IN	MIN	85	56 83	89	68 92		88	61 92		101	100					68 90			72 102				100	66 94	99	99	54 96	70 93	95		72 100		65 • 95 •
DONIPHAN	MIN	89	52 85	50 88		67 91		63 96	73 97			74	67 95	70		65 95					73 101		58 95	63 97	62 97	65 97	65 85	63 93	93	69 91	69 97		65 o
EDGERTON	MIN	65	54	59	60		65	60	62	69	65	66	62	69	69	67	72	65	68	71	70	64	55	65	68	70	67	63	70	72	71		65 •
ELDON	MIN	85	82	89	90	86	83	89	92	95	94	98	96	98	95	95	94	94	99	101	100	95	95	95	100	97	90	96	93	95	95		93.
ELSBERRY	MIN	64 91	55	58 81		68	61 92				70	100	66	71	71		78	64	71	73	79 103	60	67		67	76	65	67 81	65		72 96		68 e
FARMINGTON	MIN "	59	50			69	60	57	75 94	72	76	73	66	71	65	62	70	65	62.	72	87	61	59	64	63	73	65 91	63	67	69	70		66 o
FARMINGTON CAA AP	MIN	69	57	50		66		61	73		71	70	66	69	65	65	70	66	63	71	73	64	59	63	62	71	63	62	70	69	69		65
FAYETTE	MIN	61	53	49	62	67	66	61	72	70	70	68	65	69	67	66	71	92 65	63	72	76	65	93 59	63	97 62	97	81 65 84	90 63 96	91 71 90		94 71 94		91 65 65 · 91 6
	MIN	62	56	61	89 67	70	60	60	74		73	95	67	73		68	72	63		72	80	59	92 66	95 66	98	93	64	69	65	71	71		67.
FOUNTAIN GROVE WILDLIFE	MAX MIN	55	56		70		57		57	71	72	73		71		65	67	62	70	72		55	95 60	95 67	92 67	91 66	61	95 67	64	71	93 73		92 e 65 e
FULTON 4SW	MAX	88		82 57	88	90 70	86 61	77 59	90 65	90 72	96 74	95 72	96 66	98 72	100	67	89 71	92 69	91 64	74	103 77	99 57	95 65	97 67		100 74	95 64	85 65		91 71	97 72		92 e 66 e

Table 5-Continued											_					D															JON	1953
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Mont 17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Average
GRANT CITY	MAX MIN	90	80 55	92	89 62		81	86 60	89	93	88	97 72	95 69	91 71	85 68	85	82	88 62	99	99 73	91 73	91	90	93 65	86	85	85 55	97 72	84	95 67	94 71	8944
GREENVILLE 4 NNW	MAX	92	85 51	88	92		90	94	97			100	99	98	91 68	95 71	99	97 :	ı	104		99	98		98	98	94	92	94	93 71	98	9549
HANNIBAL WATERWORKS	MAX	80	79 53	88	90	85 63	73	85 59	92	91	91 74	84	92	89 67	83	84	84	89	96 66	98	96 71	91	93	94	96 65	87	85 63	92 65	88	95 69	95 73	88.8
HARRISONVILLE	MAX	83	82 57	92	92	85 67	79	84	92	95 71			102	103		102	95 70		102	102	97 79	93	97		101	94	85 67	97	98	95 71	91 71	93.9
HERMITAGE	MAX MIN	88	85 50	88 57	89	90	83	87	91	94	95 66	98	9.8	. 99	96 71	99	94	95 57		101	97	97	97		99	93	90	95	92	95	95	93.6
HOUSTON	MAX							-				100	98	101	90	95	97 75	97		101	102 75	98	93	94 58	98	97 78	91 68	94	95	94	98	
JACKSON	MAX	92	85 54	92	92 63	94 70	93	94	98 75	100	100	-	101	99	89	92	98	95			104	- 1	99		97	95 75	90	94	93	93 73	98	95.9
JEFF CITY KWOS	MAX	84	79 57	88	91 66	86 70	83	90	92 74	96	96 71	97	97	99	88	90	90 75		101	104	99	93	94		102	96 78	89	96 66	91	98	98 7 <b>2</b>	93.1
JOPLIN CAA AP	MAX	90 72	93 68	92	92 72	88	83	90	92	97		103			103			100	98 78	101	99 75	101	93 68	92	98 76	96 71		102	94 76	95 75	93	96.1
KANSAS CITY WB APT	MAX	84	85	95 71	93 75	80 62	73	90	94	98		104					88	96	1	103	94 74	93	92 70	95	101	88	88	98	83	95 74	92 77	93.5
K C UNIV OF K C	MAX	84	84	93	92	86	75 58	89	94	97		105	99	104		103	95 67	96	1	102	96 73	93	93	95		93	88	99	94	95 72	92	94.6
KENNETT RADIO KBOA	MAX	94	90	92 56	94	95 69	94	96 66		102	101		98	97	92 70	100		98 72		102	104		100		99	98	95 68	95	93	93 75	99 75	97.5
KIOOER	MAX MIN																															
KIRKSVILLE RAOTO KIRX	MAX	80	80 53	88	90 68	84 68	75 53	85 55	91 61	88	89	88 70	94	92 68	84	84	83 67	87 61	100	99	9 <b>5</b> 78	95	94 62	94	94	76 63	86 53	95 67	87 63	92 61	93 72	86.7
KIRKSVILLE CAA AP	MAX MIN	81	77	87	89	82	75 54	83	90	88	87 <b>7</b> 2	87	93	92 71	84	83	83 67	86 63	99	99	94	89 59	93	93	93	83	87 57	94	84	92	92 73	86.0
KOSHKONONG	MAX	94	88	89	89 62	88 70	88	.91	93 72	97	98	98 77	96 63	96 74	95 70	95 71	96 76	96 69			102		97 64	92	96 70	96 71	93	96 66	93 72	88	94 73	94.5
LAKES10E	MAX	89 66	86 52	85 57	90 67	92	88	84	90	95	97	98	99		100	93	99 72	91 61	96 66	102		98 55	96 61	95	96 64	101	97 67	89	98	94	96 70	94.5
LAMAR	MAX	90	85	85	91	91 69	86	82 65	90 74	92	96	97	101	102	101	102	101	90	97	100		99	97 71	93 70	93	99	95 65	90	98	91 71	95 73	94.3
LATHROP 3SW	MAX		•										1.	,,																		
LEBANON 1 ENE	MAX	82	82 56	89 59	90 62	87 66	65	88	93 72	97	98 69	99 68	99		94 72	100	93 74	96 63	101	102 72	100	95 57	90 64	94 59	100	96 76	92 64	97 66	96 71	96 69	98 71	94.3
LEXINGTON	MAX	87 65	86	85 65	93 72	94 71	83	78 64	90	95		100	- 1	102		94	101	90 66	96 77	104		95 64	96 70	96 71	97 71	101	77 65	90 65	97 68	86 74	97 75	93.9
LICKING 4N	MAX	92	87 65	87 61	85 60	90 72	90	87 67	89 74	93	96 77	98 77	99		101	89 71	92 76	92 66	97 72	99	99 78	100	98 65	94 66	95 77	95 74	94 65	85 61	91 65	95 75	91 74	93.3
LOCKWOOO	MAX	88	84	91	90	87	84	91	93	96 72			101		101		94 78		99	102 75	98 79	97	95 73	93 68	99	96	96 64	98	96 70	95 70	94 73	95.2 70.0
LOUISIANA STARKS N	MAX	87 56	87	88	92	90	86 59	88	92 73	94	98 75	94	98	89 72	88	87	88 77	93 65	99	101	100	96 58	98 58	99 62	99 64	93 79	84 66	92 65	91 70	95 69	97 74	92.8
MACON	MAX	90	82	79 59	89	90	83	78 57	85	92	90 71	88 72	92	93	94	84	85 67	86 63	87 69	100	99 79	95 60	90 63	93 65	93 67	95 74	80	86 66	94 64	84 69	93 74	89.0
MALOEN CAA AP	MAX	91 66	85 58	93	94 65	94 68	95 73	96 67	99 75	101		102	100	98	90		101	96 71	102	105			100	98 72	99 71	97 77	83 67	93 69	90 73	86 74	96 74	96 • 2 70 • 6
MARSLE HILL	MAX	92	88 51	90	90 56		91		97 76	100	97	100	100	99	88	93		98 65				101	97 54	96 64	99 62	98 75	96 65	93 62	91 70	93 71	98 69	95 • 8 65 • 1
MARSHALL	MAX		82		89		84	87 63	93		98 75		97 71	100	91	95 71		95 65	102	102		95	95 68	96 71	i	97 69	84 61	97 67	94 66		92 73	93.7 69.5
MARSHF1ELD	MAX	88	83 56	85 62	88	88	84	87 64		95	96 69	98		100	97.	96	93 74	94 65	99 73	101 73	99 76	95 62	95 68	92 67	98 70	95 75	93 65	95 67	94 72	93 70	96 72	93.6 68.0
MARYVILLE	MAX	82 59	80	90 63	89 63	83 56	71	85 60	89 61	91	88	98	92 71	88	86	88	85 58	88 63		97 73	87 78	89 65	89 64	93 67	86 67	83 57	85 55	96 69	82 66	92 70		88•2 64•6
MEMPHIS	MAX	90		82 53		91 69	78	7.8 56	81 62	91	85 66	88 70	85 67	95	88	83	82 66	84 63			101 78		94 63	95 65	95 67	94 66	77 57	89 65	93 68	88 69	94 72	88.9 64.7
MEXICO	MAX	90 62	90 54	82 57	90 64	91 70	85	74 59	90 68	93	95 74	98 74	95 66	97	98	87 65	90 67	87 65	89 69		100 78		94 63	95 67	95 67	99 75	90 64	83 66	94 66	88 71		91.6 67.0
MOBERLY RADIO KNON	MAX	79		86	89	84	75 57	86 59	91 70		95 75	91	1	95	85		88 74	88 65	99 70		96 78	90 62	95 61	94 65	97 67	94 70	82 63	93 68		93 71		89 • 8
MONETT	MAX	93	90	90	91 68	88	88	90 65	92	93	97		100	103		102	101	90 68	99 74	100	1u2 82	100	101 70	92 72	92 73		98 70	94 71		100 73		95.7 71.8
MOUNTAIN GROVE 2N	MAX	88	84		88	87	87	89	92	95 71	96	99	101	101	91	96	97	95"		101	101	- 1	92 68	94 64	97 70	95 73	93 69	94 65	92 71	92 70	99 72	93.9 68.2
MOUNT VERNON 35W	MAX	85	84	91	90	87	85	92 63	94	97	98	101	102	101	102	103	96	99 63						91 64	100			'99 70	97	94 70		95.7 69.5
NEOSHO	MAX	91	89	89	88	87	87	91 65	91	95 71	95	98	101	100	100	100	97	96	98	100	100	99	98	91 64	96 67		96 66	98	97 67	93 69		94.9
NEVAOA	MAX MIN		87	93	92	90 69	85	91 67	93		101		102	102	102	102	100		101	103	99	97	97 74	95 -	100 71	97 76	90 65	99 71	94 73	97 71		96.3 71.6
NEW FLORFNCE	MAX M1N	84	78	88	91	90 71	81	88									80	02		0.0	00	92	03	94	95 71	9.6	90	90	80	92	97	91.7 67.5
		1								-1												1										

## DAILY TEMPERATURES

Table 5 - Continued										A1	LLI	Α.	I, IA	IF I	in	UI.	UI	LE.	<u> </u>												JUNE	1953
Station							_			_						Day	Ol	Mor	th					1								erage
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Av
OREGON	MAX MIN	84	83 63	90 67	87 71		71 55		90 63	92 68		100 76	94 73		90 69	90 71		91 63	101 78	96 ,76		88 66	88 63		95 68	91 57	86 57	95 <b>7</b> 2		90 71	88 73	89.7 67.8
OZARK BEACH	мах м1м																															
PERRYVILLE	MAX M1M	90	82 55	88	90 59	90 69	90	93 63	95 74	99 70	9 <b>8</b> 74	96 73	98 69	96 70	87 60	90 64	97 74	94 67	98 63	102	104	101	100	95 67	97 65	96 73	91 65	91 63	92 72	90 71	97 71	94.2
POPLAR BLUFF	MAX	95 70	89 57	84	89 59	90 71	92 69	92 64	95 75	95 70	99 71	99	100	98 69	98 68	92		101	98 67		100	102	97 59	98 68	96 67	97 73	96 71	92	92 71	91 73	86 73	95.0
PORTAGEVILLE	MAX MIN																															
PRINCETON	MAX	85 55	83 55	93	93 70	88 67	80 53	87 60	92 62	92	99	94 73	93	90 68	87 68	88 71	86	92 59	101	101	100	98 57	95 59	95 70	93 65	98	89 52	95	84 64	92 67	93 72	91.9
ROLLA MO. SCH MINES	MAX	92	85 56	81 58	88 64	91 70	90	87 62	91 69	93 70	98 74	97 75	99	96 74	101	88 69	91 77	93 69	92 71	101	102	103	93 64	90 65	95 67	100 77	97 62	85 64	94 70	95 74	95 74	93.4 68.5
SAIMT CHARLES	MAX MIM	89 68	84 56	90 59	94 66	92 73	85 68	92 65	98 76	100	102 78	94 74	101	93 76	89 67	90 65	93 78	95 69	102	105	104 79	98 68	9 <b>6</b> 67	98 72	98 69	100	85 68	92 68	96 68	95 74	99 75	95 • 0 70 • 3
SAIMT JOSEPH WB APT	MAX MIN	84	83	94 68	91 76	76 60	72 56	89 66	93 70	95 70	97 71	101 77	94	95 77	91 73	93. 73	.83 65	94 64	104 78	102 78	92 71	92 66	90 65	94 71	99 70	87 61	90 58	96 66	84 69	94 71	91 75	91.3 68.9
SAIMT LOUIS WE APT	MAX	84 63	81 57	88 59	92 65	89 73	82 67	93 65	95 76	99 77	100	92 74	98 70	91 64	87 69	90	91 73	93 69	100	102 79	103	96 71	93 70	94 71	98 70	98 71	82 66	93 68	94 69	95 76	97 75	93.0
SAINT LOUIS WE CITY	MAX MIM	83	81 61	88	91 68	88 74	83	90 66	94 76	99 79	99 81	94 76	98 72	94 71	86 69	89	91 77	91 73	100	103	102 82	96 74	96 75	96 70	97 72	9 <b>7</b> 7 <b>6</b>	83 66	91 70	93	94 76	96 77	92.8
SAIMT LOUIS UNIV	MAX	85 70	79 61	87 62	91	88 75	85	91	94	98 81	98	96 76	97	92 64	87 66	88	90 78	91 72	98	102	103	95 73	94 75	94 70	97	97	92 67	91	93	93	96 77	92.7
SAIMT LOUIS WASH U	MAX	92	85 59	82	90	93	89	85 67	94	95 76		100	92	99 77	92	85	90 73	93	93 71			102	95 70	96 75	97	99 78	99	83	93 71	95 70	96 75	93.6 70.8
SALEM	MAX MIN	94	85 51	81	86 68	90	89	88	90	93	99 72	97 71	99	97	99	86	90 74	94 66	94 70	99	102 74	102	93 64	91 62	93	98 73	97 67	81 63	92 70	91 69	93 72	92.8 67.2
SALISBURY	MAX MIM	85 61	80	89	92	85 69	79	89	94 71	94	99	97	98	99 73	88 71	93	89 71		103	102	97 78	97 60	98 65	97	102	91 68	88	98 69	89 66	96 71	94 73	93.2 67.8
SAVERTON L AND D 22	MAX	82 65	80 55	87 58	94	88 74	77	84	96 71	93	98 76	87 68	98	89 74	84	84	87 76	94	99	101		94	95 67	94		88	84	92	91 69	96 72	98 76	91+1
SEDALIA	MAX	83	82 59	89	91 69	88	84	87	92 75	95	96 72	99 75		100	94 70	96	95 74		101	ŀ	100	96 63	94		100	98	87 65	98 70	95 67	97 72	97 74	94.1
SELIGMAM	MAX MIM	86 76	84		87 73	85	80	89	89 73	93	94 71	95 69	96 69	96 71	97 75	98	93	94 72	96	98	96 79	95 68	90	86 68	97	96 75	92 68	96	96 72	90	92 73	92.3
SEYMOUR 4NNE	MAX	84	81 56	84 56	88 59	86	87	88	92	94	94	96 61	98	99	94	96	92	93	95	i	102		95	97	96	94	92	97	94	95 70	96 71	93.2
SHELBINA	MAX	81 53	80	89	90	88	84	87	90	90	90 72	90 71	94	95 72	90 67	85	86 73	88 63	98	98	96 78	92	93	93	95 <b>6</b> 7	88	85 62	93	87 66	92	93 73	90.0
SIKESTON	MAX MIM	96 71	89	84	90 65	94 67	94	95 70	96 67	- 1		100		102		88		100	95 67		102		96 65	98 75	98 71	99	95 76	82 68	93	92 76	92 75	95.7 72.5
SIKESTON CROP EXP FARM	MAX MIM	93 70	81 57	90	94 62	95 66	96 72	95 65	97 68			98 : 75		100	87 67		101		100	1	106		97	97 :		95 75	88	92	91 72	91 74	97 74	95.8
SPRINGFIELD WE APT	MAX	81 61	81	85 63	88 63	86	81	90 66	93 73	94	96 70	99 70	99	99 73		101	91 71	96 66	99	100	99 73	95 64	90	90	98 70	96 72	89	95	93	92	95 73	92.9
STEFFEMVILLE	MAX MIM	84	79 52	89 57	92 68	85 70	76	84 57	90	89	88 72	86 72	92	90 73	85 67	84	83 72	87 65	95 68	97	94 77	90	92	91 65	93	86	87 60	91 68	86 65	91	93 74	88+3
SWEET SPRINGS	XAM MIM	85	83	91	93	86 68	78 59	91 62	95 74	96 72		102 :		101	91 70	98	94		102	104	98 78	95 56	95 63	97		96 68	86 65	99	91	97 71	94 71	94.4
TARKIO	MAX M1M	89	83	92	90	85 57	72 52	88 62	89	94	91	99 75	94	92 76	91 69	92	89	93	103	99	91	90	91	94	90	89	88	98	89	95	93	91.1
TRENTON	MAX M1M	88	82 58	90	92	89 69	79	87	93	93	90	96 73	93	94	89	89	59 86	91	101	100	79 95	92	62 94				51 87			68 92 71		90.7 66.4
UNION 1 SE	MAX	85		88		91 68		90	97 69	101	92	89 67	93	93	85	86	91 75	91	96	98	103	- 1	94	96	94	96	91 71	91	93	92	95	92.0
UNIONVILLE	MAX	81		87	88	82 65	77		88	88	86	85 70	91	88	83	84		87	99	98	91	88	92	92	88		85	93	82	90	90	65.7 86.8
VAMOAL1A	MAX	,	,,	79	0,	0,		,,	29		,,	70		00	07	02	03	02	01	'3	75	26	,03	66	07	05	53	20	51	68	12	63.4
VERSAILLES	MAX		90		87	91 61	92	89	93	95	95	97 75	98	98	92	94	95	93	101	103	100	95					88			96		94.3
VICHY CAA AP	MAX	83	80	90	91	91	85	91	94	97	96	99	96	99	86	90	89	90	101	102	100	93	90	69 94	98	95	84	93	94	71	97	68•5 92•7
WAPPAPELLO DAM	MIM MAX MIN	94		82	90	90	91	91	95	96	100	100	100	102	98	90	C 6	101	Q.B.	101	103	104	96	66 96	96		97		90	73 89	88	94.7
WARRENSBURG C T C	MIN MAX MIM	83	57 82	92	91	69 87	70	88	93	96	98	76	98	101	92	99	98	94	103	103	98	96	94	96	102	75 98	74 86	<b>6</b> 5	91	73 97	94	94.3
WARPENTON 1M	MAX MIM	85	61 81 51	90	72 91 66	91	60 85 61		76 94 73			76 96 65	- 1			- 1								72		98	94	93	96	74 99	99	70.7 93.6
WARSAW NO 1	MAX	JE	-1	20		, 0		70	, ,	, ,		0,		, 5	07		17	65	68	75	77	59	63	66	65	77	66	63	70	74	73	67 • 4
WASOLA	MAX		86		88	87	88	91	92	96	98	100	100	101	97	99	98	97	101	102	102	98	90	92	100	98	94			93		94.9
WAYMESVILLE 2W	MAX	85	85	87	90	90	88	63 90	66 94	97	70	70	100	72	74 92	72 96	71	68 96	73	74	75 103	67 96	68	67 95	70 99	75	70 93			70 96	_	68 • 4 95 • 1
WERSTER GROVES	MAX	85	80	53	58 91	68 89	59	57 90	73 93	62	63	67 92	62 97	63 89	69 86	68	68	58 92	66 98	70	77	53 95	92	95	97	75 98	<b>63</b> 90	64	65	<b>66</b> 92	72	63.5
	MIN	67	56	67	62	70	66	65	74	7-	78	75	67	75	67	63	75	68	68		78	67	66	70	66	75	66					69.1

Table 5 - Continued																																-	
2																Day	Of	Mon	th														900
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
WEINGARTEN	MAX MIN	86 68	81 54.	87 58	90	89 68	88 68	90 61	94 74	98 73		95 71	96 68		88	88	94 75	92 67	100	103 74	103	99 77	95 63	91	95 65	96 74	90	90 63	92	91 70	94 73		92.9
WEST PLAINS	MAX	87 61	85 58	87 53	91 57	90 69	88 65	92 63	95 70	98 69			98 62	100 72	91 72	97 73	99 70	96 66	101 70	102 70	102 72	97 67	93 60	92 64	97 68	96 74	84 69	91 67	90 71	86 71			94.6 67.6
WILLOW SPRINGS	MAX	90 67	87 56	89 54	90 64	89 68	89 63	92 65	94 70	98 69					90 68	96 68	99 76	95 66	102 70	101	103 75	100	95 64	95 69	99 69	97 73	88 69	95 65	95 69	91 70	97 72		95.2 67.6
WINDSOR 3NW	MAX	83 64	80 58		67	84 68	81 61	86 63	90 74	94 72			100	100	91 72	98 72		92 66	100 72		97 79	94	95 70	93 70	100	97 71	87 64	97 64	89		92 73		92.8

## MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1952-St

Station	July	August	September	October	November	December	January	February	March	Āpril	May	June	Total	Normal July-June
ADVANCE 5 ESE ALBANY AMITY ANDERSON 1 SW APPLETON CITY	0 0 0 0	0 2 1 0 0	38 64 46 51 32	394 449 365 404 355	555 694 686 603 601	810 1055 1051 860 906	799 1109 1084 786 890	646 786 769 646 661	441 708 673 403 474	356 485 483 376 407	78 166 185 118 113	0 0 1 0	4117 5518 5344 4247 4439	
ARCADIA BETHANY BIRCH TREE BLACK 6 NW BOLIVAR	0 0 0	1 0 10	71 40 98 25	411 452 365 514 294	565 661 514 677 555	836 1041 826 917 840	879 1107 811 932 819	677 797 656 764 625	507 696 460 597 433	385 487 349 466 377	88 175 91 105 106	0 0 0 3 0	5488 4112 5083 4074	
BROOKFIELD BRUNSWICK BUTLER BUTLER CAA AP CAMDENTON	0 0 0	0 0 0	41 40 31 47 36	355 353 312 399 301	633 605 574 662 552	973 935 886 942 843	901 940 -	723 644 700 655	641 447 570 496	378 452 371	134 107 141 100	0 0	4994 - 4280 4853 -	
CAMPBELL CANTON L AND D 20 CAPE GIRARDEAU MO ST CAPLINGER MILLS CARROLLTON	0 0 0	0 0 0 0	67 19 46 58	438 301 343 426	649 488 571 657	978 778 867 984	1094 774 853 1035	797 611 645 746	749 427 465 637	498 321 387 444	162 63 112 150	0 0 0	5432 3762 4289 5138	
CARTHAGE CARUTHERSYILLE CHARLESTON CHILLICOTHE RADIO KCH1 CLEARWATER OAM	0 0 0	0 0 4	28 4 26 70 41	325 261 325 413 358	567 441 495 641 548	839 666 742 982 807	788 667 730 1050 823	622 520 587 759 641	419 329 379 679 418	380 261 291 480 303	118 33 50 162 66	0 0 0	4086 3182 3625 5240 4005	
COLUMBIA WB AIRPORT COLUMBIA U OF MO 9 NW CONCEPTION CRYSTAL CITY 1 N DONIPHAN	0 0 0 0	0 0 0	51 49 40 59 32	388 358 341 398 391	621 608 675 551 564	927 918 1080 839 773	943 952 1107 837 754	705 693 778 633 665	595 - 702 516 411	435 480 379 327	127 - 169 92 73	0 0 0	4792 - 5372 4304 3990	5157
EDGERTON ELOON FARMINGTON FARMINGTON CAA AP FAYETTE	0 0 0	0 0 0	- 32 48 74 56	305 314 454 377	707 578 524 607 622	866 791 850 936	- 864 853 899 983	648 657 699 712	514 497 535 597	399 385 427 435	100 89 110 141	0 0 0	4306 4158 4655 4859	
FOUNTAIN GROVE WILDLIFE GRANT CITY GREENVILLE 4 NNW HANNIBAL WATERWORKS HARRISONVILLE	0 0 0 0	0 0 0	85 54 39 55 23	490 382 367 430 330	699 700 561 641 621	1071 1096 797- 972 951	1124 1140 769 1053 957	793 827 636 794 690	708 747 433 686 556	522 508 325 474 428	204 182 70 144 143	0 0 0	5700 5636 3997 5249 4704	
HERMITAGE HOUSTON JACKSON JEFF CITY KWOS JOPLIN CAA AP	0 - 0 0	0 - 0	69 - 21 69 28	434 - 338 405 307	657 - 501 623 564	931 794 921 833	917 - 785 916 789	700 - 612 673 602	549 - 429 526 435	438 - 315 407 395	133 64 112 111	0 0 0	4828 - 3859 4652 4064	
KANSAS CITY WB APT K C UNIV OF K C KENNETT RAOIO KBOA KIDDER KIRKSVILLE RAOIO KIRX	0	0 0 1 7	25 39 - 47 70	312 338 - 348	605 601 - 691	950 981 - 1044 1034	937 950 - 1084 1129	685 683 - 782 828	579 580 316 757	431 416 263 501 548	149 153 39 -	0 0 0 - 1	4673 4741 - -	4928
KIRKSVILLE CAA AP KOSHKONONG LATHROP 3 SW LEBANON 1 ENE LOCKWOOO	0 0	2 0 - 0	74 29 48 26	480 289 320 279	730 506 541 537	1060 767 - 893 829	1127 711 - 839 787	866 599 - 640 610	792 382 - 467 433	566 301 404 361	210 68 - 106 110	0 0 - 0 0	5907 3652 - 4258 3972	
LOUISIANA STARKS NUR MALDEN CAA AP MARBLE HILL MARSHALL MARSHFIELD	0 0 0	5 0 0 0	66 18 42 42 41	431 352 382 - 363	602 538 569 483 610	904 772 817 933 878	967 756 787 - 840	725 614 642 - 663	616 388 455 - 457	424 316 335 - 384	122 55 77 147 112	0 0 0	4862 3809 4106 - 4348	
MARYVILLE MOBERLY RADIO KNCM MONETT	2 0	3	76 55	475 404	789 662	1198 959	1214 1038	893 756	787 677	561 457	223 165	3 0	6224 5174	
MOUNTAIN GROVE 2 N MOUNT VERNON 3 SW	0	0	29 41	313 362	545 572	828 854	820 807	630 645	449 466	362 409	92 129	0	4068 4285	

#### MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1952-53

M1880UR1 JUNE 1953

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Rormal July-June
NEOSHO NEVADA NEW FLORENCE	8 8	8 8 1	33 22 55	321 288 381	551 558 618	817 866 911	741 968	591 598 720 777	379 391 594 678	352 345 447 471	111 95 117 188	8 8 8 2	3896 4812 5412	
OREGON PERRYVILLE	. 0	8	47	379 363	682 527	1108	1088 833	616	476	343	77	0	4083	
POPLAR BLUFF PORTAGEVILLE	8 0	8	23	326 278	514 467	750 704	680	547	319	254		8 -	-	
PRINCETON ST CHARLES SAINT JOSEPH WB AP	8 8	8 8	71 22 48	464 325 402	738 523 702	1827 818 1855	1094 872 1848	761 637 766	731 488 679	470 368 493	176 66 178	8	5532 4119 5364	5377
SAINT LOUIS WE AP 12 NW SAINT LOUIS WE CITY	0	0 8	29	348 315	572 528	864	914 890	693 652	558 513	483 385	82 68	8	4483 4193	4741 4507
SAINT LOWIS UNIV SALISBURY SAVERTON L AND 0 2	0 0	8 8	14 39 45	2 8 6 3 6 5 3 3 4	588 614 598	948 948 898	866 1085 989	625 715 741	504 596 634	371 438 418	138 108	8 8	4038 4850 4709	
SEDAL IA SEL IGMAN	8 0	8 8	48	318 325	588 524	884 784	919 738 969	655 625	514 392	487 384	116 124	8	4441 3934	
SEYMOUR 4 MME SHELBINA SIKESTON CROP EXP FARM	8 8	8 1 8	88 79 26	441 352	651 517	959 775	1817 763	742 614	687 424	457 328	148 64	0	5182 3863	
SPRINGFIELD WE APT STEFFENVILLE	8 8	8	35	383 413	623	889 972	841 1853	675 769	488 686	443 477	125 157	0	4502 5225	4717
SWEET SPRINGS TARKIO TRENTON	0 8	8	51 41 35	365 403 375	621 713 640	929 1111 989	966 1185 1864	783 796 719	568 702 634	444 476 455	138 172 149	3 8	4777 5522 5868	
UNION 1 SE UNIONVILLE	8	8 6	58	386 443	589 787	867 1876	87 <b>3</b> 1177	664 869	537 777	388 562	96 208	8	4458 5882	
VANDAL IA VERSAILLES VIONY CAA AP	0	0 8	29 3T	391 262 364	637 683 591	971 847 981	983	694	-510 551	388 442	168	8 8	4597	
WARRENSBURG CENT T C	8	0 1	23 35	261 279	566 547	861 853	,911 928	648	492 557	382 386	128 99	8	4284 4344	
WARSAW NO 1 WASOLA	8 0	8 0	31 28	335 263	600 523	869 799	870 767	645 611	495 408	359 361	88,	-	3848	
WAYNESVILLE 2 W WEBSTER GROVES WEINGARTEN	0 8	5 8	78 52 25	436 372 328	626 601 518	892 795	857 947 878	678 711 615	531 549 473	417 394 352	115 73 73	9 0-	4591 4041	
WEST PLAINS WILLOW SPRINGS WINDSOR 3 NW	0 8	0	34 32 46	397 358 337	688 578 623	832 836 930	814 824 936	673 674 688	454 454 542	405 380 428	99 77 128	0	4316 4205 4642	

Degree day normals in this table are derived from the period 1921-1950.

#### EVAPORATION AND WIND

Table 6																																	
A11.7																1	Day o	of mo	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
COLUMBIA WB AP	EVAP WIND MAX MIN		47 89	61 96	51	60 91	43 82	58	75 97	23	.33 16 100 75		24	23 99	108	111	80	.27	56 102	38 102	93	55	50 95	.37 34 98 67	53 98	54 90	60 88	70 99	53 88	33 102	30 100		9.04 1579 94.9 69.1
AKESIDE	EVAP													.24	.28	.36	.42	.33	.27				.36 24						.40		.33		9.08 692
T. LOUIS WASH URIV	EVAP													.34 16		.22					. 25 29					.19				.20 17			7.468 832

MX and MIN is Table & refer to extremes of temperature of water in pan as recorded during the 24 hours ending at time of observation.

Station																Day	of m	onth													
эшцов		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
ETHANY	SNOWFALL SN ON GND								T																						
ANTON L & D 20	SNOWFALL SN ON GND								Т																						
PE GIRARDEAU MO ST	SNOWFALL SN ON GND																							T							
ILLICOTHE RADIO KCHI	SNOWFALL SN ON GND								T																						
NSAS CITY W8 AP	SNOWFALL SN ON CND								Т																						
DEN A P	SNOWFALL SN ON GND																							Ŧ							
RSHALL	SNOWFALL SN ON GND	Т																													
RINGFIELD W8 AP	SNOWFALL SN ON GND	0.3																													
RK10	SNOWFALL SN ON GND					Т			т																						
I ONV I LLE	SNOWFALL SN ON GND								Ţ																						

## DAILY SOIL TEMPERATURES

															Day	of mo															e De
DEPTH TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	27	28	29	30	31	Ave

#### CONCEPTION

1 INCH	6F	PM	87	85	85	82	72	80	83	85	86	85	88	89	83	86	83	84	89	92	94	86	80	92	95	86	78	86	89	84	90	88	85.7
3 INCHES	6F	PM	79	78	77	78	70	76	78	79	80	81	83	87	82	85	79	80	83	83	80	82	79	83	85	80	77	80	85	82	85	82	80.6
6 INCHES	6F	PM	72	70	70	72	69	69	71	71	72	75 .	76	78	77	78	75	75	74	76	77	77	76	75	76	75	74	74	76	75	77	76	74.3
12 INCHES	6.6	PM	67	67	67	68	68	66	67	68	69	70	71	73	73	73	73	73	72	78	74	74	73	73	73	73	72	72	73	73	73	74	71.2
24 INCHES	6F	PM	63	63	63	64	64	64	64	64	65	65	66	67	68	68	69	69	69	69	70	70	70	70	70	70	71	70	70	70	70	70	67.5
48 INCHES	6F	PM .	57	57	57	58	58	58	58	59	58	59	60	60	60	61	62	62	62	62	62	63	63	63	63	64	65	64	64	64	64	64	61.0
72 INCHES	6F	PM	53	53	53	54	54	54	54	55_	55	55	56	56	56	56	57	57	57	58	58	58	SB	59	59	59	59	60	60	60	59	60	56.7

#### SIKESTON CROP EXP. FARM

1	INCH	6PM	81	82	80	83	85	86	99	86	91	94	90	96	88	92	89	94	93	97	99	102	98	95	88	91	89	82	90	90		90.	4
3	INCHES	6РМ	83	83	81	82	84	86	92	85	90	92 '	90	94	88	89	89	93	93	96	97	99	96	95	90	92	89	80	89	90		89.	5
6	INCHES	6РМ	82	81	81	80	81	83	85	83	87	88	88	90	86	86	86	89	90	91	93	94	89	92	89	90	87	80	86	88		86.	6
12	INCHES	6PM	78	77	78	76	77	78	78	78	81	82	83	83	82	81	81	83	83	84	86	86	85	86	86	85	83	80	81	82		81.	S
24	INCHES	6РМ	71	71	71	72	72	72	73	73	74	75	76	76	76	76	76	76	77	77	78	79	79	79	80	79	79	79	77	78		75.	8
48	INCHES	6РМ	64	65	65	65	66	66	66	67	67	67	68	68	69	69	70	70	70	70	71	71	71	72	72	73	73	73	73	73		69.	1
72	INCHES	6РМ	60	60	60	61	61	61	62	62	62	63	63	63	64	64	64	65	65	65	66	66	66	67	67	67	67	68	68	68		64.	1

ABLE 2

Table 6

				Tem	perat	ure										1	Precip	itation			•		
										1	No. o	Day	•					Snow.	Sleet F	lall	No	of I	Оаун
Station	B			J.					Days	М	ax.	М	in.		a de	Day	1		Depth		fore	fore	
	Average Maximum	Average	lverage	Departur From No	Highest	Date	Owest	Date	<b>Ведтее</b> 1	0° or Dove	2° os lešew	32° or Bolow	D° ce below	Total	Departure From Nor	Greatest	Date	Total	Max. De	Date	.01 or P	.50 or )	1.00 or More
						-	_	_			7.7	,,,					ļ-			-			
FEBRUARY 1953																	1						
NORTHERN DIVISION MEMPHIS SHELBINA	44.4	22.0	32.3 38.6	5.3	60 62	19		18	742	0 0		26 22			.45	1.21	20 20				5	1	1
STEFFENVILLE	47.7	26.7	37.2	7.5	61	18	7	17	769	0	0	22	0	1.92	.15	1.05	20	2.0	1	17	7	1	1

## DAILY PRECIPITATION

Table 3																																	
	0														Do	y of r	nonth	ı															
Station	Tot	- 1	T	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	`21	22	23	24	25	26	27	28	29	30	31
FEBRUARY 1953 EDINA GREGORY LANDING HANNIBAL DUISTANA HEMPH IS SHELBINA STEFFENY LLE	2.65 1.79 .85 .87  2.29 1.92		•				.74	.34			*	.30   .17   .10   .17   .16   .21   .17	.25 .21 .27 .38 .50 .41	.03 T			т	T	.02 T .01		.13		т				Т	.07					
MARCH 1953 CENTRALIA	3.22	,.40	)		. 42									.24		.30					.01			.17	.04						1	.24	. 40
APRIL 1953	2.11	.62	2						ł	.49																1.00							

## DAILY TEMPERATURES

Table 5																																	
Station																Day	of mo	nth															400
Stetion		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
FEBRUARY 1953	MAX MIN	40 10	29	40 24	40 24	50 24	45 32	47 24	50 21	46 24	56 31	47 28	32 27	30 17	45 17	44	41.	39 7	38	60 38	48 38	52 ,11		48	56 32	50 29	41 28	58 29	49 24				44.4
SHELB1NA	MAX MIN	50 17	48 29	44 29	52 22	56 40	50 31	50 25	49	62 35	58 42	49 31	35 28	45 21	45 32	45	39 17	38 10		62 36	53 35	35 13		54. 31	54 26	48 30	56 30	56 38	59 23				50.0 27.1
STEFFENVILLE	MAX MIN	35 14	45	40 25	52 23	55 40	49	50 27	46 22	58 33	49	47 31	34 29	45	46 30	44 23	43 16	36 7	61 27	56 39	54 33	34 14	47 13	54 31	51 31	45	57 29	55 38	47				47.7

## EVAPORATION AND WIND

2																1	Day o	f mor	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
APRIL 1953 COLUMBIA WB AP	EVAP WIND MAX MIN																			49 33		75 40	84 52		78 60	69 47			87 51	81 62	78 56		
	EVAP WIND MAX MIN	67 51							84 52				71 59					76 57	80 54			96 67	92 69		96 63	98 71	101 76					89 69	81.3 56.2

MAX and MIN in Table 6 refer to extremes of temperature of water in pan as recorded during the 24 hours ending at time of observation.

## STATION INDEX

																					580UE1 Z 1963
Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Obee vatio time	a	Ref to tabl	,	Station	Index No.	County	Drainege t	Latitude	Longitude	Elevation	Observation time	Observer	Red to table	
Advance 3 ESS Aihany Aiton 6 ENE Amity Amaterdam	005t 0127 0t43	Stoddard Gentry Gragon Degaib Sates	-	37 06 40 15 36 42 38 62 38 21	69 50 94 20 91 17 94 26 94 35	355	5P 6P	P Neiio Woroni P William J. Sutier A Loyd E. Black A O. W. Colbour D R. A. Kerehner	3 3 3 2 3 3 3 2 3 3	c c	La Selie Lakeaide Lamer Lampe Forest Service Lampe 4 NNE	4637 4684 4705 4727	Lewie Willer Sartos Stone Stone	6 8 9 12	40 07 38 12 37 30 36 34 39 38	31 56 92 37 94 16 93 26 93 34	395 980	7 A 7	A James W. Fishback A F. 9. Frame A Warie Wass 'A Orley F. Scott O Wrs. A. O. Rogers	2 3 5 6 2 3 6 3	c
Anderson 1 6W Annapoits 7 6W Appleton City Arcadia Aebton 1 W	0178 0204 0224	WcDonald iron St. Clair iron Ciark	9	36 38 37 20 38 12 37 35 40 27	94 27 90 47 94 02 90 37 91 46	1000 - 800 626	6P 5p	A E. W. Chamberlain A Opai 0, Rutter F. Paul Eye A Arcadia Coilege D Gien A. Woodruff	3 3 6 3 2 3 5 2 3 5	c c	Lathrop 3 SW Lehanon 1 EME Leeper Leea Summit 1 M Leaington	4825 4844 4946	Clieton Laclede Wayne Jackeos Lafayette	9	33 31 37 41 37 04 36 56 39 11	94 23 92 39 90 42 94 23 93 53	1080 1240 - 688	W	BP Cocii F. Maye A Brodie D. Barmett A CLOSED D Beajamie F. Seitk A filitam W. Cuilom	2 3 8 2 3 5 4/30/33 2 3 8	c
Auxvaase Ava Ranger Station Gedford 1 6 Selleviee Sernie	0365 0503 0539 0565	Cailaway Douglae Livingeton iron 6toddard	12 4 6 10	38 00 38 57 36 4t 37 41 36 40		1060		P C. B. Hook  U.6. Forest Service  Barry 6. Stephene  A Scuish M. Aisander  A Sarold R. Summere	3 3 3 3	c ¢	Licking 4 8 Linneue 2 6 Livonia Lockwhod Louisiana 6tarke Nur.	4978 5014 5027 5093	Texas Linn Putnae Dade Pike	4 2 9 6		81 54 83 12 82 42 93 57 81 03	1277 835 - 1076 469	1 1	A Robert O. Damson P Merte Wade D icel W. Tade A Subert A. Wieman SP Stark Eroe. Nursery	2 3 6 3 2 3 5 2 3 5	ccc
Sethany Sirch Tree Siack 6 NW Siccefield Sollvar	0668 0665 0735 0789	Barrison Shannon iron Stoddard Polk	109	40 16 36 68 37 37 36 63 37 37	83 23	1000 440 1071	5P 7P 5P	A Carl W. Slaughter Wildred E. Catiett Otto Oogglo George E. Long SW Saptiet College	3 3 3 2 3 5 2 3 3 3 3 3 6	7 C	Louisiana Lucerne Macedonta Lookout Wacon Madtson	612t 5184 6175 5163	Ptke Putnam Ripiey Wacon Monroe	1 2 6	39 27 40 37 36 45 39 45 36 26	92 12	873	7A	A George A. Garmer DA D. A. Browning BP Roy C. Robinett TA John W. Atewti BA Enos Wood	3 3 3 2 3 5 3	c 7 c
Soonville Water Works Bowing Green Bradleyville Brookfield Grunswick	0856 0878 0980 1037	Cooper Ptke Taney Linn Chariton	13 4 4	38 58 38 31 36 47 39 47 36 26		767	5P 7A	A 900nville Water Dep A Virgil Cook A Etser A. Bubhard DO. F. Sreen A O. E. Senecke	2 3 3 3 2 3 5 2 3 6		Waiden CAA AP Wanefield Warhie Bill Werehall Warehfteid	3227 6253 3298 6307	Dunkile Wright Bollinger Saline Webster	12 6 7 12	36 36 37 06 37 18 39 07 37 20	89 56 93 11 92 54	532	6P 5P 5P	D D.S. Civil Aero Ade A Heery O. Srown 'A Gryan A. ellitams BP Wuntclpal Utlittee BP Sho-We Power Co.	2 3 5 2 3 5 2 3 5 2 3 5 2 3 5	7 C
Suffaio Sunker 9uriington Junction 9utier Butier CAA AP	1101 1141 1145 1147	Daliae Reynolds Nodaway Bates Bates		37 36 37 27 40 26 38 16 38 18		870	5P W1D W	A L. S. Rowerton C. D. Sighiey A Ralph 9. Fuller Sarley W. Johnson D U.S. Civil Aero Adm	1	7	Martinehurg Warywtile 7 MNW WcCredte 3 W McCredte Exp. Station	3340 5345 3410 5415	Audraie Wodaway Nodaway Callaway Cailaway	7 7 7	38 57	94 33 61 58 81 54	-	8P 8	A yr. W. Freese 3P R. S. Moetgomery ID Earl W. Trueblood ID Leita S. Cratg ID U.S. Soil Conserv.	2 3 5	c c c
Camdenton Campbeli Canton Lock & Dam 20 Cnp Au Gris Lock & Dan Cape Girardeau Wo State	1221 1275 1283 1281	Camden Dunkiin Lewis Ltncoin C Gtrardeau	10 6 6 6	38 02 36 29 40 08 38 00 37 16	69 32	940 314 486 - 347	5P 7P 5P	Mo. Conserv. Coma. Wr. M. 9ob Comer Lockmaster U. S. Engineere PP Teachers Coliege	2 3 5 3 3 5 2 3 5 2 3 5	7 7	Wemphie Wercer 6 NW Mextco Widdletown 5 N8 Wilan	3519 5541 5565 5578	6cotiand Wercer Audraln Pike Suliivan	6 6 4	40 12	92 10 63 36 91 53 91 22 9. 07	-	7A	7A John * Alexander 7A Oscar L. Sartley 7A D. M. Goode 7A Elotae W. Grabam 7A Charlee E. Smith	2 3 5 3 2 3 5 3 3	c
Cape Girardeau Capiinger Wills Carroilton Carthage Carutbersviile	1304 1340 1358 1364	Peeiscot	9 7 t1 6	37 18 37 48 36 22 37 11 36 11	64 17 89 40	75 4 962 265	6P 6P 6P 5P	A Lee L. Aihert Sp. S. S. Price Sp. Sarold S. Finley A Phii 9. Davie Victor T. Waiioure	2 3 5 2 3 5 .2 3 5 .2 3 5		Willer 3 SE Moberly Radio KNCM Womett Monroe City Wora	5671 5700 5706 6754	Lawrence Sandoiph Barry Monroe Senton	6 6 7	37 11 39 24 36 35 39 38 38 32		1260 850 1310 -	6P 8A	D Willtam A. Garoutte SP Radio Sta. KHCM SA Kenneth G. Meucer SS J. S. Conway (D Emma W. Weyer	3 3 5 2 3 5 3	c
Casevilie Ranger Sta. Centerville Centerville Ranger Sta. Centralia Chadwick	1467 1472 1482 1490	Sarry Reynolds Reynolds Boone Christian	12	36 41 37 26 37 26 36 12 36 56	93 03	-		A Florence A. Karow A Corda Jame Sarrison BA U.S. Forest Service BA Earl W. Seymour A Sylvia Fletcher	3 3 3 3	С	Worehouse Moseile Woustain Grove 2 M Wount Vernon 3 5W Weocho	5616 3834 5861 5876	New Madrid Franklin Wright Lawrence Newton	5 3 8 5	36 51 38 23 37 09 37 04 36 52		1011	5p 6P 3p	IP J. A. Spence BA Ernest J. Foster BA Wo Fruit Exp Sta BP Wm. E. Kirchhoff BP D.S. Ftaheries Sta.	3 3 2 3 5 2 3 5 2 3 5	С
Chariceton Chtilicothe 2 3 Chtilicothe Radio 5C91 Clarkeville Lock & Dam Clearwater Dam	1580 1585 1640 1674	Wissiesippi Livingston Livingston Pike Wayne	4 6 1	36 58 38 45 38 46 39 22 37 07	89 21 93 33 93 33 90 55 90 47	771 - 648	33 4P	CP Charieston Fire Dep A S. O. Dupy 16 Radio Station &CH1 U. S. Engineers V. S. Engineers	3 3 3 2 3 3 2 3 5	7 C C	Newada New 90ston New Florence New Madrtd Novinger 1 E	5888 6007 6040 6t70	Vernon Linn Wontgomery Mew Wadrid Adair	4 7 6 2	37 50 39 57 38 55 36 35 40 14	84 21 92 51 91 27 B9 31 92 41	862 - 880 - -	6P	7A Benry Kraft 7A Geraid R. Btli 5B Berhert B. Davauit 5A Wese Bensley 7A Wern M. Robison	2 3 5 3 2 3 5 3 3	7 C
Cttfton City Citnton i NNW Coioma Columbia WB Airport Cenceptton	17tt t773 1780 1822	Cooper 9enry Carroli Boone Wodaway	8 4 7 7	38 45 38 22 36 31 38 58 40 16		778 1108	MID W	A F. S. Meedy A Loyd W. William A Jewel S. Trusceli D U.S. Weather Bureau P Fr. Adeiheim Bees	2 3 5 3 2 3 5 6 2 3 5	7 C	Oates Tower Odesea Oregon Oregon 1 NE Oeceols 3 NE	6269 6357 6359 6407	Reynoide Lafayette Solt Modaeny 9t. Clatr	7 7 9	37 32 38 00 39 59 38 59 38 05	91 03 93 57 85 09 95 08 93 39	1040	6P W	7A Ethel Sue Adams 7A Wm. E. Dougherty 7A James W. Curry 1D Addie A. Burtnett 7A Sam S. Simmone	3 3 5 3	c
Concordta Cook Station Crane Mountain Crocker Cryetai City 1 M	1870 1980 2004 2031	Lafayette Craeford iron Pulaski Jefferson	5 10 8 8	38 38 37 46 37 27 37 57 38 14	80 38 82 15 80 23	1 -	5p	A Wartin Srockman Thomas J. Gorman AR Roy E. Thomateon Charles iden Oscar F. Tidd	3 3 3 2 3 5		Owenswille Ozark Ozark Seach Pacific Palmyra	8452 8460 8488 8493	Gasconade Christian Taney Franklin Warion	12 12 5 6	38 2t 37 0t 35 40 36 29 38 48	91 30 83 13 83 07 90 44 9t 30	835 1150 700 -	6A	Aneta E. lmsn A Witliam L. Seed BA Emptre Dte El Co A Arthur D. Lewie BA Jesse E. George	3 3 2 3 5 3 3	С
Cuba Deering De Goto Deater Doniphan	2156 2220 2235 2289	Crawford Pemiscot Jefferson Stoddard Ripley	10 6 10 1	38 04 36 12 38 08 36 47 36 37	80 50		62	A Fr. C. J. Bornsey Clarence E. Carneil A Roy E. Dewey J. L. Jackson Soyce Lackey	3 3 3 2 3 5		Peris Parma Pattonsburg Perry Perryviile	6532 6563 6633 6641	Monroe New Wadrld Daviese Rails Perry	t0 4 6 6	39 29 36 37 40 03 49 26 38 43		710	5P W	A J. W. Reed A Laura E. Worgan D Wade D. Woody Rev. C. S. Green John S. Hagan	2 3 5	c c
Dontphan 2 W Dora Downing Saet End Edgerton	2302 2316 2406 2474	Ripiey Ozark Schuyler lron Platte	12 6 5 7		82 22 91 02 94 38	856	6P #	Alta W. Deupree D Edward L. Seeler C. O. Smith Rodora L. Perry	3 2 3 5	c	Pierce City Pleasant 9iil Polo Poplar Biuff Portageviile	6748 6775 678t 6799	Lawrence Cass Caidwell Butier New Madrtd	9 7 1 6	36 57 38 48 39 33 36 45 36 26	90 23 89 41	332	7p 5p	7A John P. Davts 6A Dean T. Knorpp 7A Raiph C. Ulbright 7A D. W. Sichardson 6P Portagevtile Bev.	3 3 2 2 5 2 3 5	С
Edtna Bidon Bidorado Springe Eltjah Siiington	2503 25t1 2518 2547	Knox Willier Cedar Ozark Reynolds	9 12 1	40 10 36 20 37 52 36 36 37 t4	94 01 93 09 80 59	934	5P	A Paul D. Pettit Arthur Rothwell DP Clyde J. Snodgrass A Loyd Prtce A S. Phronta Sanders	2 3 5 3 3 3	с	Potoei 2 9 Princeton Pusico Qulin Reynolde	6886 6934 6970 7094	Wanhington Wercer Stoddard Sutier Reymolds	10 10 10	37 54 40 24 36 57 36 36 37 24	90 10 90 15 91 05	=	5P	D Arthur W. Rtebl Gien L. Swanberg 7A J. W. Steinmeier 7A Torrence J. Johns 7A Effte W. 9111	2 3 5 3 3 3	c
Eileinore Eisherry Eminence 3 WAW Fairfax Parmington	2591 2617 2729 2808	Carter Lincoln Shannon Atchison St. Francois	6 1 7 t0		95 24 90 26	898	8A 7P	William Perkine SA Soil Concerv. 3erv. D Thomas J. Chilton FA Dillard A. Price F. W. Karech	2 3 5 2 3 5 2 3 5	C 7 C	Richmond 7 M Rtchwnods Ridgeway 1 6E Roby Rogerswille	7t30 7214 7255	Mushington Barrtson Teaas Webster	5 4 3 12	38 23 38 09 40 22 37 30 37 07			w	TO OFFILE E. SETTE TA Elms W. De Clue ID Keith Jackson TA Boy S. Daniele ID Giadys C. Shockley	3 3 2 3 5	0000
Parmington CAA AP Fayette Ftek Foreyth Fountain Grove Wildlife	2823 288t 2975 2995		7 10 t2 4	37 46 38 09 38 47 36 41 39 42	92 41 90 t4 83 06 93 16	-	6P 86	D.S. Clvil Aero Adm SP irvin E. Schnell 7A Fred Loveli 7A Otto Kenyon 86 Wo. Cons. Coms.	2 3 3 2 3 5 3 2 3 5	с	Rolla School of Wines Rolla 5 SE Rolla 3 W Rolla 4 SE Bolla 7 S	7264 7265 7266 7267	Phelps Phelps Phelps Phelps Phelps	5 3 5 3	37 51	91 46 91 43 91 50 91 43 91 46	1202 1100 865 1040 970	A A	ID Walter W. Sneleon ID Leslie 9. Dnderwood ID Wre. 9. P. Light ID Gertrude Ponzer		00000
Fredericktown Fremont Tower Fulton 4 8W Galena Gallatin 3 NE	3052 3079 3094 3102	Madtson Carter Cailaway Stone Daviese	1 7 14 4	37 33 36 56 38 51 36 48 38 56	91 14 91 57 83 26 93 37	818 1023	8.8	7A R. S. Lesiie 7A D.6. Forest Service 8A F. S. Hillgartner 7A Saroid O. Stewart 7A Frank Gerehberger	2 3 5	С	Rousd 3pring Saint Charlee Saint Jamee 3 NW Saint Joseph WB AP Saint Louis WB AP	7397 7424 7440 7455	Shannon St. Charles Phetps Suchanan Saint Louts	7 5 7 7		94 55 90 23	1005 809 552	MID W	7A C. S. Jones 7A Charies J. Koenig 1D Willtam S. Jones 5A D.S. Weather Sureau 1D 0.8. Weather 9ureau 1D 11.S. Weather 9ureau		7 C 7 C
Geraid Gowor 2 W Granby Grant City Greenviile 4 NWW	3300 3341 3369 3451	Franklin Citnton Newton Forth Wayne	7 12 4 10	36 24 39 39 36 55 40 29 37 11	94 15 84 23 90 26	1134	6P 5P-	3P Edwin 9. Venser ID Patricia W. Grter 7A Wtldred 9. Batcher 7A J. 9omer Korn 7A C. L. Rubottom	3 2 3 5 2 3 5	c	Saint Loute WB Ctty Saint Louie Dniversity Saint Loute Waeb. Dniv. Salem Saliebury	7465 7470 7506 7514	6t. L. City 3t. L. City St. L. City Dent Charltoe	6 5 2	38 38 38 38 38 39 37 38 39 28	92 48	723	7P 8A 7A 6P	TP St. Louts Duty. BA J. 9opp E. Sruet TA E. E. Martin DP David B. Roberteon	2 3 5 2 3 5 2 3 5 2 3 5 2 3 5	
Gregory Landing Grovespring Saliey Hamden 2 ME Sannihai	3483 3537 3365 3598	Clark Wright Sarry Charltoe Warioe	3 12 2 6	40 16 37 24 38 42 39 36 39 42	62 37 93 48 62 47 81 21	- 759	м	Albert J. Ruddick Roy W. WcMeiey BP Willtam Wadiaon LD Wary W. White Grover C. Van Dyke	3 3 3	7 <sup>C</sup>	Saverton Lock & Dam 22 Sedmiin Seligman Seecca Seymour 4 NNE	7632 7845 7656 7674	Raile Pettis Barry Newton Webster	7 8 8 12	38 38 36 42 36 31 36 50 37 t2		1840	5P 7P N 5P	A Lockmaeter A Dr. J. E. Cannaday A Fioyd B. Fawver D Sosa N. Sarrteon A Claude B. Garfit  A Orville L. Payne	2 3 5 2 3 5 2 3 5 2 3 5	c
Sancihai Water Worke Barrie Earrisonviiie Saaiegreec 2 W Senrietta	3841 3849 3713 3779	Warton Sullivan Caee Laclede Ray	4 9 3 7	38 41 40 19 36 36 37 45 39 14	93 21 64 20 92 27 93 36	904	6P #	ID Roger C. 9iggtne ID John S. Miller 7A J. 9. Patterson 9A Meivin R. Callice ID Wtliam R. Sarrison		c c	Sheibina Sheibyvills Sikeeton Sikeeton Crop Exp Fm 911oam Springe	7728 7770 7772 7780	Sbeiby Sbeiby Scott New Madrid 90eeil	5 6 13	39 4t 39 48 38 53 36 51 36 49	89 35 92 04	779 316	7A 5P	FRANCE L. Goe FA Lucy W. 9umphreye FO Cari O Luper FA Sees M. Byers	2 3 5 2 3 5 3	
Hermaon Bermitage Bigbee 6 3 Eighpoiet 2 8# Eoreereviile	3799 3935 3849 3999	Gaeconade Sickory Soward Moeiteau Dunkije	7 7 10	36 43 37 56 39 14 38 28 36 03	92 30 92 37 90 06	-	8	Joseph Munderlich 9aroid E. Carietron D Bilda M. 9argie ID Mre. John E. Dutche LD Gallie S. Perkine		c c	Skidmore Speed 2 M Spring City Springfield WB AP Stanberry	7860 7967 7978 8003	Nodaway Cooper Neeton Greece Gentry	7 8 9 4		94 33	1283	MID M	ID Nina B. Geyer ID Bichard S. Steguer ID Gladys J. Cameron ID U.S. Mextber Bureau ID R. Truesan Wagere	2 3 5	7000
Soustoe Soustos 1 52 Jacksos Jeff City Radio KWOS Jeffersos City	4021 4228 4271 4276	Teame Teame C Oirardeau Coie Cole	3 6 7 7	37 20 37 19 37 23 36 36 38 34	91 66 69 40 82 13 92 11	357	SP SP	The Houston Beraid Eienor Jobesoe Danny Biebert AK KWOS Radio Farm AR Obt. R. Senderson	2 3 5 2 3 3 3	c c	9tecivile 3 N Steffenvile Stet 5 58 Stover Sulivan 6 E	8051 8083 9112 6171	Crawford Lewis Carroll Worgan Frankiin	9 7 7 5		63 02 91 04	650 - -	8P W	7A Alfred E. Goodman 7A Jannie V. Groee 7A Jedward Stevene 7A H. Eyie Vickrey 7A George J. Sussman	3 2 3 5 3 3	c c c
Jerome Jewett Jopiie CAA AP Sahoka Kaneam City WS Airport	4299 4315 4349 4359	Pheipe Madison Jasper Ciark Ciay	10 8 6 7		90 39 94 30 91 43 94 36	760 - 962 - 741	MID W	TA Walter B. 9rown ID Fred Goeikel ID U.5. Civii Aero Adm 8A Waeley S. Baydee U.5. Meather Surezu	2 3 6 3 3 3 6	7 7 C	Summereville Summer 2 5W Sweet Springe Tarkio Tecumseh	8188 8223 9269 8313	Teage Livingston Saline Atchieon Ozark	7 7 13	37 11 39 38 36 68 40 27 39 37	92 17	680	6P 6P	TA Ruth Mail TA Jobe W. Guilford Sp Serbert F. Welece Jr Sp Lester 9. Morton TA Ray S. Runt	2 3 5 2 3 3 3	7 C
E.C. St. John & Elewood E.C. 75th & Ecimes E.C. 27th & Raytown Rd Encene City U. of E.C. Ecytewellle 4 ME	4389 4374 4379 4448	Jackson Jackson Jackson Jackson Chariton	7 7 7 2	39 08 39 00 39 03 39 02 39 37	94 36 84 30 34 36 82 62	908	8P	Lecter Applegate D Lecter Applegate D Lecter Applegate D Lecter Applegate SP University of E. C. A Percy W. Syan	3	c c c	Topas 4 NE Trenton Troy Tyrone 2 N Union 1 6E	8444 8456 8498 8316	Dougiae Orundy Lincole Teane Franklin	8 1 6	36 68 40 05 38 68 37 12 38 27	92 13 93 37 90 59 91 63 90 69	620	6P M	A Bari 1. McWillau A W. M. Estee A Robert L. Wtchoie D Lovene A. Rarrisce A Cornelius Sieges	3 3 5 3	c c
Kidder Eing City Eirkeville Radio Kirk Eirkeville CAA AP Koeskomoeg	4544 4544	Caldwail Gentry Adair Adair Oregon	8 6	39 47 40 03 40 13 40 08 36 36	82 33	1010 1096 - 866 868	SP MID W	7A Seth B. Look SP John W. Wartin SP Dow Jonne TO U.E. Civil Aero Adm 7A Genevieve T. Smitk	3 3 6 3 2 3 6 2 3 6 2 3 6	7 C	Uciocviile Valiey Park Van Buree Vacdaila Vacaact 6 88	8661 6569 8677	Putnam Saint Louie Carter Audrain Dougiae	6 1 5	40 26 36 33 38 69 39 16 38 68	93 00 90 30 61 00 91 30 92 16	1063 - - 766	6p	TA George D. Choate TA Yloyd Y. Gibba TA Werie A. Swith DP Naomi S. Stouta C. D. Smith	2 3 5 3 3 2 3 3 3	

VISAGUE

#### STATION INDEX

Continued																							JUNE 1953
Station	Index No.	County	Drainage;	Latitude	Longitude	Elevation		Pecipo di Del		Rsfer to tables	Station	Index No.	Count	y	Dramage+	Latitude	Longitude	Elevation	va	ms d.	Obse	rvsı	Refer to tables
Versailles Yachy 2 55 Wicny CAA AP Wicons 3 NW While Sidge 5 NW	8612 8614 8620	Worgen Weries Meries Freshin	3 5	35 05 38 07 38 13	92 51 51 44 91 46 55 00 90 55	1040	W10	#10 #10	Gene W. Bertram Virginie F. Huffmen U.S. Clvil Aero Adm Jemem McKinney Vincent Hellmen	2 3 5 5 3 5 7 C					NE	SW ST	CHOLTA						
eaco eappopollo Dam Amreosburg Cost. T. C. ecrectic 1 W earsaw Ho. 1	8700 8715 8725	Jenper eeyne Johanon Farren Benton	10. 7 5	36 55 38 46 38 49	93 44	475 878 887	5P 5P	BA BA 5P	Leeter O. Sigera U. S. Engineers Cent. Teech, Col. e. T. Zimmerman Dora Johnson	3 2 3 5 C 5 3 5 5 3 5 2 3 5 7	Kennett Radio 580A	441	Ounklin	1	0 36	13	90 04	265	56	5P Rad	io Sta.	KBOA	2 3 5
Warsaw Bo. S Washington 3 5 Washole Waverly Weyseeville 2 W	5748 5754 5768	Benton Frenklin Omerk Lafayette Puiaski	15	38 31 36 47 39 15	93 21 51 00 52 34 53 31 95 14	1294 790	6P	7A 7A	John M. Burke Joe Ludevis A. M. Pinckney Jeses J. Foose Raiph W. Land	3 C 2 3 5 C 3 2 3 5													
Webster Greves Weingarten West Plaine Williamsburg Williamsville	8799 8880 8980	Seint Louia 5t Genevieve Novell Chilavay Wayne	1 7	37 53 36 44 35 55	90 55 90 13 51 51 51 43 90 33	1005	5P	M10 M1D	Thomas J. McCewloy William J. Miller U.S. Weether Bureau Mery W. Crump George W. Julian	5 3 5													
Windsor 3 WW	9000	Rowell Rowell Johnson Bollinger	1 9	36 59	51 59 91 59 93 33 49 59	:		M 1D 6A	Atlen Frazee U.S. Forest Service Logan Sutherland J. Monroe Wull	5 3 5 2 3 5 3													

BMAINAGE CODE 1. Slack 5. Charlton 3. Gasconade 4. Grand 5. Heramec 6. Biesiasippi 7. Biasouri 6. Neosho 9. Ocage 10. Saint Frencis 11, Saline 12, Spring 13. Terklo 14. White

#### REFERENCE NOTES

The four digit identification numbers in the index number culumn of the Station Index ars assigned on a state basis. There will be no duplication of numbers within a state.

Figures and 1stters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

funthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

nless otherwise indicated, dimeneional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in silss. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Bleet and hail wers included in snowfall averagee in Table 1, beginning with July 1948.

unounts in Table 3 are from non-recording gages, unlsss otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

now nn ground in Tabls 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.
"WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two

- No record in Tables 3, 6, 7, and the Station Index. No rscord in Tables 2 and 5 is indicated by no entry.

  And also on a later date or dates.

  Amount included in following measurement, time distribution unknown.

  Gage is equippsed with a windshield.

  Adjusted to a full month.

  Data fir recorder stations, denoted by "C", ars processed for special purposes and published later in Hourly Precipitation Data.

  Water squivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

  One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the walue for the full month.

  Daily values and monthly total from recording gaze.

  Trace, an amount too small to measurs.

  Includes total for previous month.

  This entry in tims of observation column in Station Index means observation made near sunset.

Subscription Price: 15 cents psr copy; monthly and annual, \$1.50 per year. (Yearly subscription includes the Annual Summary.) Checks and mnney orders about he made payable to the Treasurer of the United States. Remittances and correspondence regarding subscriptions should be sent to the Supsrintendent f Documents, Government Printing Office, Wasbington 25, D. C.

W.R.P.C., Kansas City, Mo. -- 8-19-53 -- 945

#### CORRECTIONS

June 1951: Columbia WB Airport, Supplemental Data, percent of possible sunshine should be 52%.

January 1952: Edgerton, Table 3, 3rd should be E.08 and total E.30.

Sweet Springs, Table 3, 3rd should be E.10, 4th E.10, and total E.96.

June 1952: Appletum City, Table 2, precipitation departurs should be -6.43.

August 1952: Valley Park, Table 3, amount on 31st should be .04 and total 3.62.

eptember 1952: Valley Park, Table 3, 1st should be .00 and total 1.19.

December 1952: Lamar, Table 2, number of days with maximum 32° or below should be missing.

January 1953: Maiden CAA AP, Table 2, total precipitation should be 3.11, greatest day 1.02 nn 23rd, and days 1.00 or more 1. Walden CAA AP, Table 3, precipitation on 23rd should be 1.02 and total 3.11.

February 1953: Lakesids, Table 6, total evaporation should be 2.11 and total wind 1344.

March 1953 Unionwille, Table 7, snowfall on the 24th should be dash.

1.05 MS 1<sup>7</sup>

0171 1953

NAT. HIST.

U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

377 2 H

# CLIMATOLOGICAL DATA

**MISSOURI** 

JULY 1953

STATES OF BUILD

Volume LVII No. 7

#### MISSOURI - JULY 1953

#### H. F. Wahlgren, Section Director - Saint Louis

#### WEATHER SUMMARY

July was warmer and much drier than normal. The State average temperature was 79.2°, 1.5° above normal. This was lower than the 79.7° average of July last year, but still the second-warmest July in the past ten years. Precipitation averaged 1.92 inches, or 1.61 inches below normal, and made this the driest July since 1940. Only six times since records began in 1888 has precipitation for the month been less. Conditions of temperature and precipitation were quite uniform throughout the State.

Division mean temperatures ranged from 78.6° for the Northern Division to 79.9° in the Southeastern Division. The highest average temperature was 82.7° at the St. Louis Weather Bureau City Office, and the lowest was 76.2° at Seymour. Highest temperature recorded during the month was 108° at Union, on the 31st, and the lowest was 44° at Hermitage, on the 10th. Temperatures were above normal practically the entire month, the exception being the second week, when they averaged several degrees below normal. Nearly all stations recorded their lowest temperatures on the 9th, 10th or 11th. Minimum temperatures were generally in the 50's, and at several stations were in the 40's, during this interim. The warmest periods were the 5th, and the 27-31st. Nearly all stations had maxima above 100° on the 5th or during the last five days.

Division precipitation averages ranged from 2.01 inches in the Northern Division to 1.83 inches in the Southwestern Division. Rainfall was below normal throughout the month, although locally heavy showers were received in a few localities. The greatest total rainfall for the month was 5.48 inches at Malden. Two stations, Van Buren and Fremont Tower, reported no precipitation whatever. There were scattered showers from the 1st to 3d inclusive, and a more general rain on the 5th, widely scattered showers on the 7th, 12-13th, 16th and 20-21st, and a few light showers in the northeast portion on the 27th.

Crops throughout the State were suffering from the continued dry weather by the end of the month. Hay and pastures, already in bad condition in the south portion, deteriorated steadily during the month as the drought continued in the south and spread into the northern portion of the State. Corn and soybeans, which were in good condition at the beginning of the month, were needing moisture badly to aid in ear-filling and pod setting by the close of the month. Cotton in the southeast section was in good condition.

Following is a summary of storm damage for the month:

Date	Type	Location	Injured	Property damage	Remarks
3	Electrical	Campbell	6	0	Six members of one family injured (two seriously) by a bolt of lightning.
3	Electrical	Jasper	0	\$15,000	Two barns with all contents destroyed by lightning.
3	Wind	Malden	0	4,000	Several buildings damaged. Some slight damage to light aircraft at airport.
3	Electrical	Hale	0	2,500	Machine shed and contents destroyed by lightning.
3	Electrical	Verona	0	6,000	A barn and contents destroyed by light- ning.
5	Electrical	Marshall	0	5,000	Farm residence destroyed by lightning.
5	Electrical	Oregon	0	9,000	A large barn, hay, grain and machinery destroyed by lightning.
5	Electrical	Drexel	0	10,000	Three barns destroyed by lightning.
5	Wind	Albany	0	2,000	Three houses damaged by wind.
7	Electrical	West Plains	0	4,000	Barn and contents destroyed by lightning
1.4	Electrical	Knob Noster	0	1,000	Barn destroyed by lightning.
14	Electrical	Warrensburg	0	2,000	Barn destroyed by lightning.
16	Electrical	Maysville	0	5,000	Old church destroyed by lightning.
20	Electrical	St. Louis	0	75,000	Large church damaged by lightning.
21	Electrical	Grant City	0	1,000	Barn destroyed by lightning.

There were no floods during this month. -- AJC

	Wind	direction		Wind m.	speed p. h.		Relati		idity ave	rages -		Numl	per of d	ays with	precip	itation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastost	Direction of fastest mile	Date of fastest mile	12:30A CST	6130A CST	12:30P CST	6:30P CST	Тласе	.0109	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
LOLUMBIA WB AP	SE	13	7.5	42	N	4	71	78	45	48	3	5	2	1	1	0	12	72	4.9
KANSAS CITY W8 AP	5	18	9.5	38	NW	5	66	76	45	43	3	5	3	0	0	0	11	81	5.0
ST. JOSEPH WB AP	-	-	7.8	52	W	5	-	80	45	44	5	2	0	3	0	0	10	69	4.3
ST. LOUIS WE CITY	SE †	11 †	8.7	29	SW	14	69 †	74 †	44 †	47 †	6	1	4	0	0	0	11	84	4.6
SPRINGF.ELD W8 AP	SSE	17	10.4	29	W	5	72	81	51	51	9	2	2	0	0	0	13	78	6.2

† -- airport data

## COMPARATIVE DATA

able I															1					
	Т	emperatu	10	P	recipitation	on		To	emperatu	70	Pı	recipitatio	on		T	emperatu	10	P	recipitati	on
Year	Äverage	Highest	Lowest	Average	Average	No. of days	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Āverage	Highest	Lowest	Average	Average	No. of days .01 or more
1888 1889 1890 1891 1892	79.3 77.1 79.6 72.7 75.8	111 107 110 103 102	50 46 42 45 45	2.85 4.02 3.04 3.23 4.88		7 8 5 8 9	1913 1914 1915 1916 1917	80.2 80.5 74.6 81.6 77.5	108 109 102 109 107	47 45 42 52 42	3.10 2.67 5.74 1.22 3.08		7 7 12 3 8	1938 1939 1940 1941 1942	79.7 80.0 77.7 79.3 78.8	110 107 111 110 104	53 51 45 46 50	3.50 2.91 1.58 2.75 2.85		7 6 4 7 7
1893 1894 1895 1896 1897	77.3 76.5 74.4 77.3 78.7	103 109 106 108 106	51 42 45 48 48	4.67 2.67 6.77 5.51 3.14		8 5 10 9 6	1918 1919 1920 1921 1922	77.1 80.0 76.3 80.3 76.8	110 105 105 109 103	41 50 47 46 46	1.62 2.30 3.30 2.32 5.50		6 5 7 5 8	1943 1944 1945 1946 1947	79.6 77.6 75.1 78.9 75.0	104 105 105 107 108	46 40 44 48 39	2.49 2.62 2.10 2.68 2.17		6 7 6 5
1898 1899 1900 1901 1902	76.1 76.0 76.9 85.4 77.0	104 102 102 116 103	42 43 46 46 50	5.72 4.50 4.15 2.02 4.10		9 9 8 5 8	1923 1924 1925 1926 1927	78.2 73.3 77.9 78.0 75.8	105 103 106 108 101	50 40 46 40 48	3.16 5.55 2.70 3.07 4.16		6 10 7 7 8	1948 1949 1950 1951 1952	77.4 78.8 72.8 76.7 79.7	102 101 98 99 109	46 52 42 48 45	5.45 4.90 4.47 5.59 3.48	T T	11 10 10 10 8
1903 1904 1905 1906 1907	77.4 74.2 73.4 74.7 78.4	102 100 101 100 105	51 47 48 48 51	3.40 4.61 8.07 3.54 4.56		8 10 12 8 8	1928 1929 1930 1931 1932	77.2 77.8 81.2 80.3 79.8	102 104 113 110 109	48 50 42 49 48	2.93 4.03 1.00 3.31 3.61		7 8 3 7 7	1953	79.2	108	44	1.92	т	6
1908 1909 1910 1911 1912	76.5 76.7 76.8 78.0 78.8	101 102 109 113 104	49 41 46 43 52	3.36 6.16 5.79 3.68 2.88		8 10 9 8 7	1933 1934 1935 1936 1937	79.3 86.2 80.8 85.3 77.9	108 117 104 118 105	49 48 53 44 45	2.67 1.18 3.30 1.52 4.06		5 4 6 3 8							

Averages for the period 1949 to date have heen weighted according to area and are not comparable with unweighted values published in this table for earlier years.

				Ten	pera	lure									F	recip	dation					
				7					p	-	o. of E		-	la la	<b>*</b>		Snow	Sloot, H	Last Last		of E	ays
Station	Average Maximum	Average Minimum	Average	Departure From Norm	Highest	Date	Lowest	Date	<b>Degree</b> Days	Above 8	+	Min.	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.So or Morr	1.00 or More
NORTHERN DIVISION											1											
ALBANY AMITY BETHANY BROOKFIELD BRUNSWICK	93.3 91.4 91.4 93.9 90.5	63.1 65.4 63.6 66.1 66.4	78.2 78.4 77.5 80.0 78.5	2.4	103 100 100 105 100	28+ 27+ 28	54 51 54	10 10 10 10 10	0 0	22 20 19 20 18	0 0	0 0	1.74 1.59 1.91	-3.65 89 -2.57 -2.63	.43 .94 .56 1.34	5 1 6 4 4	.0 .0 .0	0 0 0 0		4 3 8 9 3	0 2 2 1	0 0 0 1 0
CANTON L & D 20 CARROLLTON CHILLICOTHE RADIO KCHI COLUMBIA WB AP CONCEPTION	89.7 94.0 92.4 91.3 92.6	66.1 65.4 64.3 66.7 65.8	77.9 79.7 78.4 79.0 79.2	.9 1.4 1.2 2.6	99 104 103 101 100	5	52 51	10 10 10 10 9		18 23 19 17 23	0 0	0 0 0	1.00 1.12 2.68	81 -2.30 33 -3.12	.74 .72 .29 1.49	17 6 17 4	.0	0 0 0 0		5 5 11 9 4	1 0 2 1	0 0 0 1 0
EDGERTON ELSBERRY FAYETTE FOUNTAIN GROVE WILDLIFE FULTON 4 SW	91.8 90.9 91.5 92.7	62.6 65.8 65.0 65.7	77.2 78.4 78.3 79.2	-2.2 1.2	101 102 101 103	27	54 52	11 11 10 11	0	21 18 20 22	0	0 0	2.57	73 97	.57 1.50 1.39	17	.0 .0 T	0 0		6 4 7	2	0
GRANT CITY HANNIBAL WATER WORKS KANSAS CITY WB AP R KIDDER KIRKSVILLE RADIO KIRX	92.1 89.0\ 91.6	65.9 65.3 70.7	79.0 77.2 81.2	2.8 .4 .3	102 102 102	27+ 28 5	56 53 59	9	0	22 17 20	0	0 0	1.52	-1.90 -1.57 -1.87	1.03 .51 .42	6 21 5	.0 .0	0 0		8 8 8	1 0	0 0
KIRKSVILLE CAA AP LATHROP 3 SW LOUISIANA STARKS NURSERY MACON MARYVILLE	93.2 90.5 91.1	63.8 63.3 65.3 65.0	76.7 78.3 77.9 78.1	1,9 .7 2.4	102 101	28+ 27+ 28 28+	54	10+	. 0	15 24 17 17	0	0 0	2.95	65 -2.47 -4.42	.38 .92 .52	19 16 4 5	.0	0 0 0		9 9 5 9	0 3 1 0	0 000
MEMPHIS MEXICO MOBERLY RADIO KNCM NEW FLORENCE OREGON	90.9 91.1 90.9 91.8 91.2	65.4 65.8 65.5 65.9 66.6	78.2 78.5 78.2 78.9 78.9	1.9 1.2 .6	102 102 99 101	29+ 30 5+ 27+	50 54	11 10 10 9+	0	17 17 19 21	0 0 0 0	0 0 0	.66 2.21 2.16 2.80	-2.14 -1.00 44	.35 1.30 1.23 1.08	6 4 27 4 6	.0	0 0 0		4 9 6 8 3	0 1 1 3 0	0 1 1 1 0
PRINCETON ST CHARLES SAINT JOSEPH WB AP R SALISBURY SAVERTON L 6 D 22	91.4 93.9 91.2 92.0 91.2	63.2 69.6 67.0 66.5 68.5	77.3 81.8 79.1 79.3 79.9	3.7 -1.0 2.9	100 104 101 100 102	27 30 28 31	50 56 53 55 53	9 10 10 11	0 0	19	0 0 0	0 0 0	2.24 3.15 2.28 5.15	.16 81 -1.18	.74 2.10 .79 2.48	28 21 5 4 6	.0	0 0 0 0		6 7 5 8 8	22330	0 1 0 2 0
SHEL8INA STEFFENVILLE TARKIO TRENTON UNIONVILLE	91.5 89.7 91.9 90.4 89.3	63.3 65.1 64.2 66.5 64.3	77.4 77.4 78.1 78.5 76.8	4 1.3. 1.7	101 98 100 99	19+ 5+ 27	50 51 52 56 53	9 10 10	0	16	0 0	0 0 0	3.51 2.53 4.33	-2.69 60 -1.62 .26 -2.64	.45 1.63 1.04 2.11 .60	22 21 20 4 2	.0 .0 T	0 0 0		7 7 12 7 5	0 3 1 2	0 1 1 2 0
VANDALIA WARRENTON 1 N	93.5	66.7	80.1	2.3	102	27+	54	10+	0	23	0	0 0	3.88	.74	2.65	21	.0	0		4	2	2
DIVISION			78.6	1.6									2.01	-1.60	,		Т					
SOUTHWESTERN DIVISION																						
ANDERSON 1 SW APPLETON CITY' BOLIVAR BOONVILLE WATER WORKS BUTLER	90.1 93.9 91.8 90.5 91.3	64.1 66.6 67.9 67.1 68.2	77.1 80.3 79.9 78.8 79.8	2 2.1 2.6 1.4	97 102 101 100 100	27 29	56 54 57	11 10 10 10+ 10	0	23	0 0 0	0 0	2.54 1.03 1.76	-2.17 -1.77 -2.69 -1.48	1.14 .96 .28 .66	3 20 16 6 16	.0	0 0 0		9 9 8 9 6	1 0 1	0 0 0
BUTLER CAA AP CAMDENTON CAPLINGER MILLS CARTHAGE CLINTON 1 NNW	91.6 94.2 92.1 91.5 91.9	66.1 65.0 66.5 66.6 65.2	78.9 79.6 79.3 79.1 78.6	.3	101 103 101 100 102	5+ 5+ 1+	53 50	10 11 10 10 9	0	19 22 20 21 19	0 0	0 0 0	1.40 3.33 5.30	- ,43 -2.07	.35 .63 2.18	2 21 21 6	.0	0 0 0		6 8 9 10 3	0 1 1 1	0 0 1
ELDON HARRISONVILLE HERMITAGE JEFF CITY KWOS JOPLIN CAA AP	93.9 92.6 93.2 93.5 90.1	67.4 67.3 61.3 64.9 69.8	80.7 80.0 77.3M 79.2 80.0	3.5 2.3 1.1 1.9	103 102 103 104 100	28 28 31	55 57 44 51 59	8+ 10 11	, o	21	0 0 0 0	0 0 0	1.18 2.21 1.11	-2.44 -2.43 -2.00 -2.22	.27 .70 1.40 .41 1.24	21 6 21 8 3	.0	0 0 0 0	•	9 6 6 7 7	0 1 1 0 2	0 0 1 0 1
K C UNIV OF K C LAKESIDE LAMAR LEBANON 1 ENE LEXINGTON	92.7 92.3 89.4 91.9 93.4	66.9 63.5 66.8 65.5 69.5	79/8 ·77.9 78.1 78.7 81.5	.3 -2.6 3 1.8 4.1	103 102 99 102 103	6+ 2 <del>9+</del> 5	50 56 48	10 10 10 10		19 20 16 18 23	٠,	0 0 0	1.87 2.11 2.61	-1.77 28 -2.11 -1.35 -2.80	.34 .73 1.24 .83	1+ 22 3 17 6	.0	0 0 0 0		3 6 3 6 8	0 1 2 3	0 0 1 0 0
LOCKWOOD MARSHALL MARSHFIELD MONETT MOUNTAIN GROVE 2 N	91.1 93.2 92.1 89.9 92.0	67.8 68.1 66.4 67.9 67.5	79.5 80.7 79.3 78.9M 79.8	1.9 3.2 3.4	100 102 101 98 101	5+ 28+ 30+	58 53 57	10 9+ 10 10	0	19 19 20 17 20	0 0 0 0	0 0 0	1.85	-2.39 -1.72 -2.29	1.00 1.12 .10 1.53 .84	17 7 16+ 3 16	.0	0 0 0 0		7 6 7 3 2	2 1 0 2 2	1 0 1 0
MOUNT VERNON 3 SW NEOSHO NEVADA OZARK BEACH SEDALIA	90.7 90.5 92.3	67.0 65.2 68.4 68.5	78.9 77.9 80.4 81.0	1.2 .4 .8 3.5	101 99 101	28 27+	52 55 57 54	10+	0	20	0 0 0	0 0	1.50	-2.70 -3.15 -2.22 -2.78	2.21 .95 .65	3 3 3	.0	0 0 0		7 8 7	1 1 1	0 0
SELIGMAN SEYMOUR 4 NNE SPRINGFIELD W8 AP R SWEET SPRINGS	87.3 90.0 89.4 94.1	66.8 62.4 67.8 64.8	77.1 76.2M 78.6 79.5	.4 .7 1.1	96 99 101 104	1 4+ 29+	53 57	11 14 10 10	0 0 0	14 15 15	000	0 (	3.89 1.60 .33 1.48	23 -2.34 -2.84	2.48 1.03 .14 .75	21 21 16 6	.0 .0 .0	0 0 0		7 4 4 7	1 1 0	1 1 0 0

TABLE 2 - CONTINUED														,							JUL	.Υ ,Ι	1953
		,	,	Ten	pera	ture		,	,							1	Precip	itation					
				_							No. o	á Day	rs	,	_			Snow.	Sleet, H	[all	No	of D	ays
Station	. 9	. 4		lorma.	-				Days	M	lax.	M	lin.		Departure From Normal	at Day			epth und		More	More	
	Average Maximum Minimum Minimum Peparture From Norrage Righest Lowest Date Date Date Date Lowest Date Date Date Date Date Date Date Dat															Greatest	Date	Total	Max. Depth on Ground	Date	.01 or	.50 oc	1.00 or Mon
VERSAILLES		-			-	-	-	-	-	-	7.			Total		-	-			н		_	
WARRENSBURG CENT T C WARSAW NO. 1	93.3	69.8	81.6M	2.8	103	28	60	12	0	20	0	0	0	1.55	-2.42	.88	6	.0	0		4	1	0
WASOLA	A   92.5   66.8   79.7     102   28+   55   11   0   23   0   0   0															1.45	16	.0 T	0		5	0	0
WINDSOR 3 NW																.86	6+	.0	ő		6	2	ō
DIVISION	DIVISION 79.2 1.4 1.83 -1.78																	Т.					
SOUTHEASTERN DIVISION			,																				
ADVANCE 5 ESE ARCADIA	93.2	64.9	79.1 77.9M	.9 2.1	101	30 29		11 11	0	23	0	0	0	1.46	-1.90 -2.24	.78	17 17	.0	0		4 3	1	0
BIRCH TREE	93.5	64.1	78.8	2.2	104	30	52 45	11	0	22	0 0	000	0 0	.95	-2.63 -1.59	.45	21	.0	0		3 5	0	0
CAMPBELL	30.7	62.0	76.4	• •	103	30	45	111	1	1'		"		2.10	-1.59	1.23	"	•0	"		١	1	
CAPE GIRARDEAU MO ST	92.1	68.7	80.4 81.5	.2	100	30	60 64	10+	0	21 18	0	0	0	2.17	-1.25 -2.08	1.47	17	.0	0		3	1	1
CHARLESTON CLEARWATER DAM	92.2	68.8	80.5M	٠٤	104	30	56 50	11	. 00	23	0	000	0 0	2.99	2.00	.87	3	.0	0		6	3 2	000
CRYSTAL CITY 1 N	95.2	64.3	79.8	.2	103	30+		10	ő	24		ŏ	ŏ	.14	-3.07	,.08	4	.0	ő		3	ō	Ö
DONIPHAN FARMINGTON	95.1	65.6	80.4 78.1	1.8	104 102	30 30	51 50	11 10+	,0,	23	0	0	0	.85° 3.13	-3.19 43	.32	17	.0	0		3	0	0
FARMINGTON CAA AP GREENVILLE 4 NNW	90.6	64.6	77.6	2.1	101	30		11	0.	17	0	0 0	0 0	2.72	-1.68	2.04	16 17	.0	0 0		6	1	1 1
HOUSTON	93.0	66.5	79.8	3.6	103	5+	48		ŏ	22		ŏ	ő	2.37	-1.77	1.10	20	.0	o		6	2	ī
JACKSON KENNETT RADIO K80A	95.3	67.1	81.2 81.7	3.6	103	30 1+	52 57		0	29	0	0	0	1.09	-2.45	.79 .52	17	.0	0		3	1	0
KOSHKONONG LICKING 4 N	92.5	68.9	80.7M 80.1	1.9	100	5+		10+	ŏ	20	0	00	0	.59 1.55	-3.18 -1.02	.27	21 15	.0	0		5	0 2	0
MALDEN CAA AP	92.2	69.5	80.9	2.5		30+	57		0	19		ő	o	5.48	1.02	3.70	3	ō	o		6	3	)
MARSLE HILL PERRYVILLE	94.4	64.0	79.2 79.7	1.4	102		48	11 11	0	25 23	0	00	0	2.96 3.11	-1.06	1.80	17 22	.0	0		3	2 2	2
POPLAR SLUFF PORTAGEVILLE	92.9	66.7	79.8	.6		28		11	ő			o	0	1,.25	-2.69	.45	8	.0	0		6	0	0
ROLLA SCHOOL OF MINES	92.0	67.2	79.6	1.9	103	31	55	11		18	0	0	0	1.07	-2.32	.62	4 °	:0	0		4	1	0
SAINT LOUIS WE AP R	NINT LOUIS WE AP R 92.6 70.2 81.4 1.7 104 30 59 10 0 21 0 0 0														-1.27 -2.19	.80	20	.0	0		6	1 0	0
SAINT LOUIS WB CITY R 91.9 73.5 82.7 2.1 102 29+ 64 10 0 22 0 0 0 7.72 -2.19 SAINT LOUIS UNIV 91.3 73.5 82.4 1.9 101 29+ 63 10 0 19 0 0 0 1.53 -1.65														1.01	21	.0	0		7	1 2	1 0		
SALEM	INT LOUIS WASH U 93.0 71.6 82.3M 3.5 103 29+ 10 20 0 LEM 92.0 65.2 78.6 1.8 103 6 48 10 20 0													.31	-3.19	.28	22	.ŏ	ŏ		, <b>5</b>	0	Ö
SIKESTON CROP EXP FARM 93.0 70.5 81.8 3.2 101 2 56 11 21 0 0 0 3.5 1KESTON CROP EXP FARM 92.2 68.2 80.2 100 2 57 11+ 0 20 0 0 0 2.														3.76	.04	1.54	14	T .0	0		8	2	2
UNION 1 SE VICHY CAA AP	92.3	64.1	78.2 79.4	.0			50	11	0	19	0	. 0	0	2.56	-1.38	1.13	21	.0	0		6	3	1
VICHY CAA AP 90.8 67.9 79.4 1 103 5 57 9+ 0 15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0													ŏ	2.08	87	1.82	17	.ŏ	ő		4	1	1
WEBSTER GROVES 92.9 100 1.1 101 31 58 11 21 0 0 0 2.0887 1.82 1 102 30 23 0 0 0 2.12 1.30 2														20 16	.0 T	0 -		5	1	1			
WEST PLAINS WILLOW SPRINGS	92.6	66.0	79.3 78.9	1.6	102	30+	51	11	O O	21	0	0	0 0	.38	-2.06 .16	2.33	8	.0	0		4	0	0
DIVISION			79.9	1.7				-						1.90	-1.50			Т					
STATE .			79.2	1.5										1.92	-1.61			Т					
										-	-	_				,							

<sup>\*</sup> DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AND STATE MEANS.

1 ie 3	Т																			_		-									33 1	1953
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12		of m	onth.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADVANCE 5 ESE ALBANY ALTON 6 ENE AMITY ANOFRSON 1 SW	1.46 .98 .45 1.74	•3T	•13		T T	.43 .05	. T7	•23	T •04	*30			.01	T T	•10		•4A	•78 •10 T		Ť Ť	7	. 45	.05 T			•11					Ī	
ANNAPOLIS 7 SW APPLETON CITY APCADIA AUXVASSE AVA RANGER STA	2.58 2.54 1.88 2.73 1.19	•01	.47 T	• 0A	.20 1.98	.45	.40 .06 T	•01 T	1.04	•7A				±05 ≠21	*09 *10	.09	•09 T •14	•35 1•63	т		<b>.</b> 96	.04 .04 .05 .09	•69		• 45						. 22	0°4
AFLLFVIFW AFRNIE AFIHANY AIRCH TREE RLACK Á NW	.37 4.75 1.59 .95 2.10	.05	<sub>4</sub> 50		.73 •15	.37 .03	•56		1.02 .40 1.23	•10				.06 T			•03	2.47 •30		4 75	.08	.39						т				
ALOMMFIFLD  ADLIVAR  RODNVILLE WATERWES  BOWLING GREEN  BRADLEYVILLE	1.34 1.03 1.76 1.50	- 03	- 05	-	- 48	-	•05 •66 •45	-05	- 05	-	-	-	· -	7	T • 26	•^1 •15	.28 .21	•07 •48	<u>*</u> 11	-	-	.10 .20 .05 .20	•12	-	-	-	-	-	-	-	-	409
AROUNSWICV REMINSWICV REMEALD REMINSER REMINSTON JUNCTION	1.91 1.48 1.58 .92 1.24	.07	•18 •04 •08	409	1,34	т	.14 .35 .05		T •75	Т				•06	•05 •14	.na		≥67 ≥04			445	•10 T •43 •10	•25 •31					• 02	•03			
BUTLER RUTLER CAA AR CAMPENTON CAMPAFLE CANTON L AND D 20	1.48	- 02	•36 •35 •10 -	*07 -	T T	- T	•20 •22 -	*13	-	-	-	-	-	-	•02	T T	•58 •31 •16	•0T	-	-	•04 •13 •27	•01 T •63	- •28	-	.79 .17	-	-	-	-	-	-	-
CAPE GIRARDEAU MO ST CAPE GIRARDEAU CAPLINGER MILLS CARROLLTON CARTHAGE  CARUTHERSVILLE	2 • 17 1 • 30 3 • 33 1 • 00 5 • 30	•21	.05	T •24		т	•19 •72 •55	*06	. T	.06				.08	*27 T	.01	•02	1.4T .T3	•01		•16 T	.34 .57 2.18 T	.47	•15		.47						
CAROTHERS TELE CASSULLE RANGER STA CENTERVILLE CENTERVILLE RANGER STA CENTRAL IA CHAOWICK	7.444 7.09 2.09 1.19			1.61 T	1.05	•13 •09	•10	•07 •04	.12 .06 .09	•00				*05 T	•11	.11	•01 •03	•19 •50 •20 •37			•60	.09	1.45 1.1T .04	•12							j	
CHARLESTON CHILLICOTHE 7 S CHILLICOTHE RADIO KCHI CLEARWATER DAM CLIFTON CITY	2.99 1.25 1.12 1.67	.07 .13	*19 *02	• A7	•17 •17		.23 .26	+65 T T	T •01 •88	7				•77	• n s	.01	.65 T	•37 •65 •29				T •01 T	.40 T .01 .5T					•10	•03 •10		1	
CLINTON 1 NAW COLOMA COLUMBIA WE AIRPORT R CONCEPTION CONCORDIA	1.36 1.07 2.68 1.55	.02 .89	•37 •17 •06		1.49	T •11	.68 .90 .08							T T	•11	Ŧ	•15	т		•46	.36 .54 T	•32	•09					•01	т			
COOK STATION CRANF MOUNTAIN CROCKER CRYSTAL CITY 1 N CUBA	1.094 1.094 1.09		•02		•07 •08	•59	•10		т						T T	.19 .20 .11 .07	•2T •05	•51 •54 •29 •01			•03	.24	•07									
DEFRING OE SOTO DEXTER DONIPHAN OONIPHAN 2 W	2.21 1.06 3.65 .85				.59	.4T	•02	.85	•02 •50 T	.30	.02			.17	.14			.15 .43 2.08 .32	•41			.13 .04 .17	.03 .10 .16									
FAST END EDGERTON FOINA FLOON FLOORADD SRRINGS	7.40 1.61 .TR	-	•35		•16 •01	-	.74	-	• 95 - • 0T	-	-	-90	-	-	- 09	.14 .06	•12	- •04 •04	• 55	-	- •18	- •52 •27	.04	-	-	-	-	-	-	-	-	-
FLIJAH FLLINGTON ELLSINORE FLSRFRRY FAIRFAX	1.26	-	т • 37	- ' •31	.29	- •06	1.05 T	.25 - T	-	-	-	-	-	-	•25	- '	- T	₹ - •57	-	-09	- .90	.11	•45	-	-	-	-	-	-	-	-	-
FARMINGTON FARMINGTON CAA AP FAYETTE FISK FORSYTH	3.13	•nT	-	_	.07 1.28 .22	•ñR -	-	-02	*03 T		_	_	-	т _	т _	T T	7.04 .91	05 •48	-	_	•39	•31 •15 •39 •21	•24 T	_	_	_		т _	_	_	_	_
FOUNTAIN GROVE WILDLIFF FREOFRICKTOWN FREMONY TOWER FULTON 4 SW GALFNA	2.57 1.03 .00 2.32		т	1 + 4 5	1.50 T 1.39	.15	•07		·03	.20				•18	•02		т	.43 •15				.45 .71	.03					•67				
GALLATIN 2 NF GFRALD GPANRY GRANT CITY GREFNVILLE 4 NNW GREGORY LANDING	2.05 2.68 3.27 2.73 2.08	•30	• A1	1.35	•17		1.03		•05					•02	.65	•01 •10	• 74	•13 1•58	• O A		•37 •62	18 •23	.37			•26			т			
GROUPERPING HAILFY HANNIRAL HANNIRAL HARRISONVILLF	2.57 2.30 1.46		T •60 T		•09	•0A		₹ •11 ₹						•06 •32	† ∗12	T #10	•21 •18	•37 •04 •08 •03		.16	۵05	.17 .18	•55 1•95 T •63								т	т
HAZI FERFEN 2 W HERMANN HERMITAGE HOULTON JACTSON	2.83 3.98 2.21	•12		т	2,26		•04 •14 •14		т						. 43		• 50	•15 •08 •21 •40			1.10	1.40 .05 1.40	.81 .89					•27				.67
NAMNAY  JUDI'IN CAY WE  TERESON CITA  TERESON CITA  TARACAM	1.00 1.11 76 	-	- T	T T -	•29	- 30	•10 •07 •17 •50	T - T	•41	-	-	- 7	- T	т	-	•02 - •01	-	.06 .03	-	- +15	T 	*14	.09	-01	- •17	-	-	-	-	-	-	-
FAMILE CITY HE ART R Y C INITO DE F C YEMNETT PADIO PHOA YEYTESYILLE 4 NF YIODER	1 a A 2	.19	-04	•05	•01	•42	.34	-	.35	•57		5	Ξ	-	.16	-	T •19	.08	- 20	-07	T	•02 •11 •12		-	-	-	-	-	2	-	-	:
Y TOPY R Y THY CITY Y THY TYTLLF RADIO Y TRY Y THY TYTLLF CAA AR YO HYDNONG LA PELLE	.54	.02	- -25		.36	-18	:	- -	=	.nT	Ξ	-	=	•01	7	Ξ	-17	Ξ	•01	- 38	=	•16 •27 •75	-16	-	-	Ξ	=	.01	-	=	=	- -
APP TOE AMERICAN SHEET OF THE APPROPERTY OF THE	1 a 3 5 1 a 8 7 2 a 1 1 4 a 2 1	-	T T	T 1 . 24	-01	-	.09 .29	- 7	-	ot.	-	-	-	455 m	•15	.27 T	_	.30	•07	-00	•5A	.79 T .68	•73	-	-	-	-	-	-		-	-
FINGTON	142			)		т	.76				6					т	•17 •08	• 83 • 03			.03	• 03	.6A			1						

See reference motes failuring Station Indes. - 106 -

Table 3-Continued		_																										_		JOF.	Y 1953
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12		of m	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29 30	31
TIN . 4 N    NAV . 4 P S  OCA WOOD  ANA STARKS N IR  LON STARA	1.44 2.85 2.37 7.05	*13	*10 *02 T		1.49	•01	.20	.27				.04		*04 *02	T.	.15	.92	.05 1.00 .65 1.37		•07	.23	.52 .65 .30 .88	•07						•09		•22
UE O PALE WAS CONTINUE A LITTLE COLOT WAS CINE W	3 • 7 7] • 4 1 • 9 4 1 • 7 6 • • 4 R	e 25	.94 .06	3.70	*57 1*79	. 20	.13 .74		T T	.07			τ				. 74 T	•44		.04	• 34	.96 .08	т						.06		
was field washer will washeall wash wiftin wash wiftin	7.96 2.96 1.85 .44 1.91	•14	# 0 4 T T	Ŧ	, 23		1.12	•03	1.01	1.69 T			•04		т	.08 .15 .07	*10 T	1.80			•13	•20 •35 •09	•88 •10 •21		т						.34
###YVÎLL ####  S ###### 6 %# ### (C) # DOLFTOW% 5 NF	.81 .66 3.34 7.71 1.77	• ?1	.09 T	•02	+09 +08 1+30 +25	•23 •14	.35 .67 .12 .05						.03	.03	.56	. በሉ	. 06	•16 •04 •07 •21			•01	T •30 •02 •15	•07						1.39		•08
E AN BOMERTY BOMETT BOMETT BOMETHOUTS BOMETHOUTS	2.16 2.08 2.76 2.44 2.55	.09		1.53		.36	.35	•17	•07	•50				.05		.18	•16 •51 •02	.39			7 • 76 • 05	•18 1•36	т					1.23	•		
MANUNTALIN GROVE 2 N MANUNT VERNON 1 SN ME SHO MEVADA MEN MOSTAN	1.60	T 3.7	.03 .16 .06	2.21 .95 .65			.01 .07 .40	T T •10 •06	т	т			•03 T	* n q		T • 0.R	.84 T T			T •02	.03	.05 .03 .12	•76 T •12		• 07 T						
MEN ELOR MEE MEN MARRIN MYN MEEG 1 F DATES TOWER	2.80 2.39 - - 1.52	.03	T	1	.19 1.08 .62	T -	.05	T •04	7 •84 -	:	=	=	-	Ť - -	=		•50 - - -	•03 •25 —	-	=	-03	•92 •07 -	.03 - T	Ξ	1.1	Ξ	Ξ	=	Ξ	: :	- 16
MBFICH MCCEDLA 3 WE MBFNCVILLF ZADE PLANE RFACH	2.03	.09 T	-01	<u>-</u> 10		-	.18 .28	<u> </u>	T	1.27	-	-	-	-	- . 24 -	-	-11	•14 -	-	-	- •55 -	1.10	- 70	-	-	-	-	-	-		-
PAC FIC DALWYDA PARWA PFROCF CITY	7.57 3.69 7.74 7.11 7.71	-	-03	- 06 1.10	1.17	1 = 51	.16	- T	- 45	- •86	-	-	-	.74	•78 -	-	-04 T	.05 -41	-	-	-	.13 1.92 .47	-	-	-	-	-	-	-	- <b>-</b>	-
PERCENT HILL POLO  PONDLED BLUFF  PORTAGEVILLF  PORTAGEVILLF	9.05 1.49 1.25	.57	. 20	-	.26 T .92	-	1.56	-	.45		-	_	-	.29	-	-08	.05	.03	-		.18	.20	- 15		-	-	-	-	<u> </u>		-
Print CO DIR, IN BRY NOL DS BREHWOODS BARY	.77 2.77 1.05			.01	T •68			*04 T	.05	.06				, an		•na	T • 35	•58 •43 •68	.20		. 97	.05 .43	•07 •37								
BRELLA SCHAREL OF MINES RRIWH SPRING SALENT CHAPLES SALENT JOSEPH NR AP SALENT LOUIS NR AP R	3.15 2.28	*78 T	.07 T	т	*62 T	•72 •79	,01 T	т	T . 15	٣				±06	*13	•02	.63 .11 .13	.60	•17	τ	.80	.80 2.10	•77							•01	
A WT LOUIS WA CITY REAL WT LOUIS WASH U SALEW SALEW SALEW	1.31 .72 1.53 1.49	.03	•21	τ	*10 *14 *13	.07	. 32	T	т						т	.30	•12	•12	т	Т	•10	1.01 458 .03	•01 •59				•01	ø65			
SAVERTON L AND D 7  FROALTA  FRETOMAN  FRURIR 4 NNF  SPELATNA  MELANYSELF	1.20 1.66 7.89 1.60 1.18	.01	.05	•41		.03	. 78	•14	.31	+	1		• 06	.16	.06 .20 T .02	.57	•04	•27	• 25		.25	•13 •07 7•48 1•03	•16 •76 T			٠					
SIERTTH COMP FXP FARM  SECTION COMP FXP FARM  SECTION COMP FXP FARM  SECTION COMP FXP FARM  FXFLVILLE 7 N	2.50 3.76 2.04 1.00		an2	•18	1	_	T	.22 .81	1.43 T	.43			T _	.37 .09 .10	1.54 T	.35	.16	•19	•01	Ī	•17	.16	.05 T	_	Ţ		_		Ţ		Ţ
STREEF WILLE STALLIVAN 5 F JONES CYTLLE MONER 2 CN	7.51 .50 2.55 2.80 3.51		•62 •11	т	* 58	.58 .09	.16		.43 .16							.01 .09	•06	•12	• 88	•03		1.63 .26 .27 .79	.16						1.37		
***** CP0   NGC ************************************	1.48 2.53 4.26 1.10 4.33	+0A +34	•31	.74	.16 .16	.12	.75	•20 •08		1.82			• 02	•03 •06	•21	.18	, 02			Т	.08 1.04	.02	1.98 .75						1.33		
TROY  PM PM 1 <f 1="" <f="" alley="" an="" padx="" piden<="" pm="" td=""><td>1.55 2.56 1.48 1.21</td><td></td><td>.60</td><td></td><td></td><td>.52</td><td>.01</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>•30 •09 •27 •10</td><td>• 03</td><td></td><td>т</td><td>•15 1•13</td><td>•01</td><td></td><td></td><td></td><td></td><td></td><td>• 05</td><td></td><td>a26</td></f>	1.55 2.56 1.48 1.21		.60			.52	.01											•30 •09 •27 •10	• 03		т	•15 1•13	•01						• 05		a26
WAWAALIA WAWAAH 4 <6 WICHY CAA AP	7+41 - 1+73 7+73 2+08	-	-	- -	40	-	- 040.		-	1.77	-	-		.14	-	- 20	09	•37	-	 T	T .34	•01	•38	-		34	-	-	-		- •08
######################################	2.08 1.55 3.88 -	Ŧ	•38 _ •07	- 02	1.10 T		*88 T -	-13	- 05	27	-	-	~	- 08	- T •30	.19	4	1 • 82 • 04	Ŧ	Ŧ		7 2.65	T T	-		-	~	-	-		-
WAITE A  WAYNESVILLE ? W  WERSTER GROVES  WERSTER GROVES  WERSTER GROVES	1.77 2.00 2.12 1.58	.07	.27 T .05		.45		.R7		. 20				т	.02		. na	T 1.45 .26	T			02 1.30 .46	.06									
# LIAMEVILLE  # LLOW SPRINGS  WINDSOP 3 NO  ZALMA 5 E	3.96 2.55 1.60			T 1 #04			. Яб		.76 .57	. 80		٣	т	.60 T	1	.60 .16	• 35	•A7			.14	•05 T	. 05	2.33							

Table 5		1																														JULY	1953
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	Of 1	Month 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
AOVANCE SESE	MAX MIN	97	98	95	97	100	98	88	92	85	85	87	91	90	92	91	84		92	95	92	89	88	90	94	98	96	98			101		93.2
ALBANY	MAX MIN	71	75 92	72 90	68 95 67	76 100	76	69 88 55	65 86 57	82	52 86	51 88	55 84	62 85	57	92	90	92	99	66	68	93	70 91	64 95	65		61 100		103	102	101	67	93.3
YTIMA	MÁX	92	90	87	93	67 98	92	87	86	80	83	55	83	82	62 85	62	59 87	92	63	96	71	70	91	93	95	67	97	74 9e	100	65	66 98		63.1
ANDERSON 1 SW	MIN	97	75 96	88	94	61 95	93	88	91	89	85	82	73	74	82	89	87	88	93	93	71	70	93	94	89	91	73	95	97	97	96	73	90.1
APPLETON CITY	MIN MAX MIN	101	76 93	66 87	101 74		95	69 90	65 87	85	59 88	52 88	87	61 80	55 89	92	90 64	92		62 100 68		72 91 71	65 93	61 94	70 93	96					101		93.9
ARCADIA	MAX MIN	92 69	69 95 70	70 98	94	78 99 72	71 96 74	65 91	71 90	84	56 84	61 89	58 88	57 87	90	90	87	84	92	94	93	91	71 96	92	92	94			100		103	69	92.9
8ETHANY	MAX	93	70 93 69	72 87 63	67 94 70	72 98 69	95	65 84 56	58 84 57	79 54	82 51	83 52	81	49 85	55 85 64	56 88	63 87 61	92	93	65 95 65		90	69 88 66	69 93 57	57 96 52	60 97 62	98 72	100	100	71 100 66	100	100	91.4
BIRCH TREE	MAX	97	95 70	93		100	99	90 70	93	85	86 53	85 52	81	65 83 58	88 56	91 59	85 67	88	97	99	92	87	90	94 63	94	96		102	102		104		93.5
BLACK BNW	MAX	90	92	86	93 65	99	94	85 64	85 62	83	81 47	84 45	85 53	85 56	88 64	88	80	85	88	90	94	94	88 71	90	93	94	94	100	100	100	103	101	90.7
BOL IVAR	MAX	97	92 73	86 70	96 75	98 78	94	89	89 69	86	87 54	85 59	81	77 61	87 58	87	86 64	89	93	95	89	89 73	92 71		96 69	97	58 98 68	101	100	100	64 100 73	98	67.0 91.8 67.9
BOONVILLE WATERWKS	MAX	93	95 74	90 70	89 64	96 67	98	78 61	86 65	79	79 57	82 57	85	88 62	86 60	87	87 65	84	86	93	97	95	86 70	89	91	95	96 73	98		100	99 75	99	90.5
BROOKFIELO	MAX	95 73	97	93		102	96 61	84 58	87 64	82 56	88	85 55	87 57	87 57	85 64	89	87 63	85	- 1	101	96	94	91 71	96 59	98	99			105		104		93.9
BRUNSWICK	MAX MIN	93	95 73	93	90 68	92 1	100	79 60	84	78	79 56	83 56	85 59	87 62	85 62	84	89 67	88	85 65	95 66	99	95 73	87 72	90 59	92	94	95 67	96 72		100	98 : 74		90.5
BUTLER	MAX MIN	98 76	91 71	84	96 74	98 79	91	88	84 71	83	85 55	85 65	85	77 60	86	90	89 65	87	94	96 71	91	90	92 71	94	90	95	96 72	98	100	98	99		91.3
BUTLER CAA AP	MAX MIN	99 76	90 70	84 69	97 73	99	78 65	89 64	84 61	83	87 55	86 63	86 59	77 57	86 57	89	88 64	90	96 65	98	90	91	94 65	95 58	91	96 66	97	- 1	101		100		91.6 66.1
CAMDENTON	MÁX MÍN	1 <b>0</b> 0 <b>7</b> 2	9.8 70	92 70	102		100	88	87 66	84 58	88 54	87 53	90	81 57	90 56	92	88 62	90	94	99 67	96	86 69	89 68	94 58	96 65	98		- 1		102	102		94.7
CAMPBELL	MÁX MIN																																
CANTON L ANO 0 2	MAX MIN	91 76	91 68	88	91 70	97 75	90	86 57	76 62	78 54	83 ·53	85 54	87 58	88 64	88 59	90 61	83 67		90 66	92 69		86 71	87 69	92 62	91 67	94 69	94 71	96 68	99 75	99 75	96 72	97	89.7 66.1
CAPE GIRAROEAU MO ST	MAX MIN	98 75	9.8 75	93 75	96 71	99 75	96 76	89 70	91 67	84 62	83 60	85 60	88	90 65	91 62	91 63	86 69		91	93 70		87 71	8 <b>7</b> 72	88 68	93 66	94 68	94 68	96 67	97 70	99 69	100	73	92•1 68•7
CAPLINGER MILLS	MAX MIN	100 75	95 70	85	98 74	101 79	95 72	89 66	88 69	87 63	88 50	86 60	85 5 7	76 64	86 57	85 62	82 63		95 62	97 65		91 72	91 70	93 61	92 67	70	95 67	98 68	101	99 70	99 : 70	100	97.1 66.5
CARROLLTON	MAX MIN	97 72	92 72	91 67	101	103 72	94	88 58	81 65	81 56	85 52	89 55	90 57	86 62	89 59	90 65	88 63		95 63	100		91 72	91 72	94 55	98	9.8 6.5	99 67	103	104 73	102	102	104	94.0 65.4
CARTHAGE	MAX MIN	100 76	96 73	90 66	97 76		94 72	89 69	90 67	86	88 55	85 57	79 62	75 61	85 58	91 59	88 62		94	92 65		91 72	92 69	95 63	89 69	93 68	93 67	97 67	98 67	100	97 68	98	91.5 66.6
CARUTHERSVILLE	MAX MIN	9 <b>7</b> 76	98 77	95 76	95 73	97 76	99 78	88 76	91 72	88	83 65	85 64	86 67	88 68	87 66	89	86 71		90	94 73		83 73	89 73	88 71	90 69	93 72	94 69	97 71	95 73	95 73	96 76	75	91.2 71.8
CHARLESTON	MAX MIN	99 75	99 77	95 74	95 71	97 76	97 78	88 73	91 71	86 65	84 58	82 56	90 59	88 67	90 59	91 62	86 69		94 69	94 71		86 73	90 72	90 68	94 66	95 65	97 66	97 68	97 67		99 73	98 75	92.2 68.8
CHILLICOTHE RADIO KCHI	MAX MIN	95 70	95 72	90 64	92 69	103 69	99 66	87 56	87 65	80 54	84 51	87 52	86 58	84 65	88 61	88 63	87 62		97 63	96 66		92 67	88 74	95 55	94 59	96 65	97 67	101	99 70	98 68	98 68	69	97.4 64.3
CLEARWATER OAM	MAX MIN	93 66	91 67	89 69	93 65		101	87 66	89 64	86 61	85 51	87 50	86 53	89 57	89 55	91 58	89 63		94 69	97 62		88 67	89 66	91 61	95 56	96 59	98 59	101	101	103	104	102	92.9
CLINTON INNW	MAX MIN	99 70	99 70	91 73	88 71	89 1 80	70	80 63	84 58	82 50	87 55	88 54	87 55	77 54	87 65	89 64	86 61	91 62	95 65	99 70	90 71	90 70	91 54	36	92 66	96 68	98 69		102 69		100 1		91.9 65.2
CDLUMBIA WB AIRPORT	MAX MIN	96 75	95 72	90 68	94 65	100 76	79 65	87 61	82 60	81 57	83 55	83 58	88 62	84 62	.88	89 66	84 66		94 65	97 68		86 72	89 64	90 59	96 65	96 69	97 71	100 73	100 73	98 74		101	91.3 66.7
CONCEPTION	MAX MIN	93 65	93 70	88 63	94 69		91	84 60	86 59	82 56	86 57	91 60	84 62	84 64	89 63	91 64	91 64		97 69	95 70		97 70		92 63	98 63	98 67	98 74	98 72			100 71		97.6 65.8
CRYSTAL CITY IN	MAX		96 75	89 70	94 66	101 1 76	73	90 62		89 55	86 50		89 54	92 56	95 56	93	87 65		91 65	97 64					98 60		102 66				103		95.7 64.3
OONIPHAN	MAX MIN	99 70	100 69	95 70	102	102 1 70	73	89 74	96 66	86 63	88 62	88 51	86 55	89 60	90 61	96 65	84 69		95 65	97 67		89 74			60	97 62	99 61				104		95.1 65.6
EDGERTON	MAX MIN																																
ELOON	MAX MIN		9 <b>7</b> 73		100	101 1 81		90 62		86 62	85 55	87 55	90 60	83 61		90	85 64				95 70		92 70		95		98 68	73			102 : 76		93.9 67.4
ELSBERRY	MAX MIN	97 72	98 72	96 63			99 72	82 55	90 62	83 52	83 50		85 56	86 56	91 56	92	91 61		62	91 67			86 69		92 59	93 62	97 63	98 64			99 ] 68		91.8 62.6
FARMINGTON	MAX MIN			89 69	95 1 67		93 74	91 64		83 56	85 50		89 55	90 56		92 58	86 64		64	95 64		89 69	86 69	90 60	60	94 61	95 62	64			102 1 72		63.7
FARMINGTON CAA AP	MAX MIN	92 72	95 71	88 70	94 68	99 74	88 70	88 65	87 64	80 56	81 50	85 49	88 55	88 56	90 55	91 60	83 66		90 66	93 66			85 71		91 61	63	94 63	65			101 73		90.6
FAYETTE	MAX MIN	95 73	92 72	89 66		78	92 68	86 58		79 57	82 55		88 59	84 60	87 57	90 63	84 64	65	92 64	96 66	71	72		57	95 62	95 67	69	72	7?	74	75	72	90.9 65.8
FOUNTAIN GROVE WILOLIFE	MAX		78	90 65		72		84 59	65	79 57	82 52	55	81 59	85 66	85 62	90	87 58	65	96		70				95	96		68		98 71	71	73	91.5
FULTON 45W	MAX	97 77	96 74	70			98 71	80 60	90 64	56	83 56		88 58	91 60	87 61	62	93 65	81 64	66		101 70				63	98 65	9 <b>8</b> 68	69	73,	103 74	72	73	92.7 65.7

Table 5-Continued										A.	TLI		CN	1P]		_	U.H	_													J	ULY	1953
Station				_	_								_			Day	Of	Mont	h							1							9D 010
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Av
SRANT CITY	MAX	94	91 72	85 68	93	96 71	85	85	81 57	80 58	84 56	84	83 64	90	90	91	90 62	92 63	97 69	100	93 71	90	89 65	93 64	97 61	98 67		102 70	100		101 1 72	02	92.1 65.9
GREENVILLE 4 NNH	MAX	97	97 68	94 70	99	102 70	98	89 69	95 66	89 65	86 50	88 49	91 55	90 60	91 57	92 58	89 69	88 69	93 65	95 67		91 72	88 71	90 64	93 64	95 63	98 62	100	100	102	103 1 66	03 69	94.0
HANNIBAL WATERWORKS	MAX	90 74	93 70	89 65	92	98 70	78 64	84 59	75 58	78 53	82 55	83 59	90	86 62	88 61	89	78 64	84 65	90	91 68		82 69	88 67	91 61	90 65	95 66	97 70	98 70	102	96 75		97	89.0 65.3
HARRISONVILLE	MAX	98	94	88	98 73	100	94	90 63	87 57	85 58	86 63	86 74	87 57	80 57	84 57	88	84	88 63	95 65	98 71		93	93 69	95 62	94 67	97 70	97 77	100 72	102	100	101 1	00	92.6 07.3
HERM I TAGE	MAX	98 68	93	89 70	98 66	100 76	95 89	88	90 66	89 55	87 44	88	87 57	81 50	87 50	89 57	90 56	90 58	96 58	98 61		91	93 65	93 54	94 57	95 59	96 59	100	103	101	101 1	01	93.2 81.3
MOUSTON	MAX	100	95 73	95 77	100 73	103 75	92 75	90 67	95 68	89 62	86 48	85 49	80 54	85 58	87 51	88	86 66	92 74	97 68	98 78		85 72	90 73	90 68	92 60	94 61	95 64	99 67		102 71	103 1 71	01 73	93e0 06e5
JACKSON	MAX	98 74	99 74	96 73	97 71	100 75	99 77	91 70	93 67	88 60	88 55.	90 52	92 57	92 65	93 60	92	90 70	92 70	95 68	98 68		90 73	91 73	93 66	95 62	98 65		101		101 65	103 1 69	71	95 e 3 67 e 1
JEFF CITY KW05	MAX	98 73	95 73	91 70	98 65	102 75	98 71	89 59	84 64	81 57	84 52	87 51	90 55	84 58	90 62	91 63	82 62	89 64	95 63	99 64		85 71	92 70	93 54	98 60	98 62	99 68	102 70	102		101 1 70	70	93.5 64.9
JOPLIN CAA AP	MAX	97 80	94 74	89 68	96 78	96 79	85 72	86 71	87 69	81 65	86 59	82 64	76 63	77 62	84 63	90	87 67	88 65	97 67	92 70		92	90 71	95 68	87 67	93 71	96 72	99 72	100 73	98 74		98 75	90 • 1 69 • 8
RANSAS CITY WB ART	MAX	96 73	91 75	90 72	100 78	102 74	79 68	89 64	80 65	80 62	85 59	85 68	87 63	80 66	86 66	89	85 67	91 68	91 69	96 71		90 73	90 69	95 62	95 68	97 74	98 78	99 79			100 1 79	80	91.6 70.7
K C UNIV OF K C	MAX	96 70	93 74	89 69	100	102	79 66	89 60	88 67	87 59	85 54	86 65	86 59	80 60	86 60	88 65	87 63	90 64	97 65	98 69		90 72	90 61	95 57	97 68	97 69	98 73	100 73	103 72	101 74	100 1 75	03 73	92e7 66e9
KENNETT RADIO KROA	MAX	100	100	97 85	95 73	98 75	100	90 74	93 71	89 66	84	87 57	87 62	85 66	87 64	93	87 68	88 71	94 69	95 71		86 73	91 73	91 69	95 66	97 67	97 67	100	100	99 67		99	93 e 5 69 e 8
KIDDER	MAX						-															1											
KIRKSVILLE RADIO KIRX	MAX																																
KIRKSVILLE CAA AP	MAX	92 72	88 65	86 63	88 65	96 70	80 61	83 58	73 57	80 50	82 53	84 55	85 59	86 61	82 63	90 58	85 63	85 62	91 63	98 68		86 69	88 61	93 60	94 60	95 65	96 70	98 70	100 73	98 72	98 1 72	00 71	89e5 83e8
KOSHKONONG	MAX	99 74	99 72	96 72	98 72	100 74	100 75	90 72	85 70	85 64	86 58	80 58	84 62	80 62	86 63	91 65	68	82 68	96 07	96 72		82 71	87 72	93 72	93	91 67	97 69	100 71	100 72	100 70	100 1 72	00 75	92.5 68.9
LAKE510E	MAX	98 71	99 74	92 71	93 69	101 72	102	84 61	90 63	96 57	83 50	86 51	88 55	89 57	80 56	86	85 60	83 61	89 63	95 62	98 65	92 70	90 66	91 54	93 59	93 62	95 62	98 66	101	101 70	101 1	02 68	97•3 83•5
LAMAR	MAX	93 73	97 73	88 07	83 68	95 77	96 72	78 67	86 69	85 03	82 56	85 61	81 63	78 60	75 58	84	88 67	84 63	91 64	94 65		85 72	93 69	92 64	93 70	89 08	95 68	90 09	97 09	99 69		99	89.4 00.8
LATHROP 3SW	MAX						1																										
LEBANON 1 ENE	MAX	99 74	90 73	92 68	101	102	96 71	92 64	88 66	85 59	80 48	80 57	82 59	83 56	87 55	90	85 64	89 62	99 69	98 06		84	88 69	88 59	93 65	93 63	95 66	98	99 69	99 71		97	9149 8545
LEXINGTON	MAX	92 72	97 73	92 72	93 74	101	103	81 63	90 67	80	83 58	86 63	87 01	91 04	84 02	89	91 66	87 66	91 68	98 -72	101 74	98 73	93 72	92 61	95 69	97 71	98 72	100	100	102 79	101 1	01	93.4 69.5
LICKING 4N	MAX	96 75	90 73	93 68	92 72	98 73	100	82 70	89	90 62	85 05	87 65	87 64	80 67	81 57	87	87 70	83 68	90 67	90 06	95 66	87	83 71	90 05	90 70	92 60	92 07	95 77	98 77	98 77		03	91.0 69.2
LOCK WOOD	MAX	97 70	93 75	82 68	95 74	97 75	91 73	90 68	88 69	84 63	84 57	82 00	78 06	80 02	86 58	88	88 65	89 63	95 67	95 67	87 08	93 73	90 69	93 65	91 70	95 68	97 67	99 72	99 69	99 73		99 70	91.1 07.8
LOUIS!ANA STARKS N	MAX	91 74	90 74	91 63	92 62	100	92 70	89 54	80 63	84	87 48	90 48	93 54	91 59	93 56	93	84 59	88 67	94 64	95 69		87 71	90 71	94 55	94 62	95 62	97 08	102 06	102	102 74	100 1	02	93.2 03.3
MACON	MAX	94 75	93 72	92 63	87 64	88 72	98 65	80 58	84	77 54	80 54	82 55	84	80 66	86 59	87	90 62	85 62	86 65	9S 71		95 08	8 <b>7</b> 67	90 61	94 61	96 67	97 72	97 69	101	100	100 l	71	90.5 65.3
MALDEN CAA AR	MAX	98 77	98 75	95 69	95 73	97 75	98 77	86 74	92 71	85	84 58	85 57	89	88	89 03	92	87 69	87 09	92 70	93 72		86 72	90 72	,89 70	92	94 70	96 69	97 70	98 72	98 70		99 74	92 • 2 09 • 5
MARBLE HILL	MAX	98 70	98 71	96 72		101	98	92	92	87		88 48	91	92 63	92 55	92 58	89 05	88 69	93 65	95 65		89	90 72	92 64	95 58	96 61			101		102 1	01	94.4
MARSMALL	MAX	95 72	94	93	100	102	99	89	87 66	80 58	83 58	87 59	89 62	89 61	88	90	84 67	88 65	95 68	98 72		88	89 71	91 59	97 69	97 70	98 72	100	102 73		100 1		93.2 88.1
MARSHFIELO	MAX		96 74	87	100	100 75	96 73	92 60	90 65	86 61	85 53	84	80	77 59	86 55	88	85 06	89 61	95 63	97 67		90	90 09	93 64	94 70	94 67	96 64	98 06			101 1		92.1
MARYVILLE	MAX		69 69	87 63	93	97 70	80 59	87 57	84 58	80 57	84 55	87 63	84	82 63	85 04	89	88 64	89 63	95 07	96 08		91	87 64	93 62	96 63	97 66	98 72	98 72			99 1 09		91.1 05.0
MEMPHIS	MAX	95 73	90 72	89	88 67	92 70	100	82 59	85 57	76 52	84 56	84 50	84	82 02	88 65	80	90 63	85 65	84 64	90 70		95 71	87 69	91 63	94	92 68	98 71	99 71			102 1		90.9
mEx1CO	MAX.	96 74	93 75	92 65	89 66	92 66	98 72	78 58	86 62	80	80 54	84 01	85 59	88	87 02	89	92 05	80 65	87 65	92 70		96 71	89 69	87 57	92 63		97 , 69	98 68			102 1 73		91.1 65.8
MOBERLY RADIO KNON	MAX	93	93 72	90 64	90	99 74	92	84 57	82 64	81 57	81 53	83 55	80	80 59	86 59	89	83 63	85 65	97 68	96 63		85	90 70	92 59	97 63	97 68	98	99		96 73		98	90.9
MONETT	MAX	94	96	85	88	91 72	96 77	82 72	86 64	92	86	88 62	82	78 63	72 60	80	88 65	65	91	93	95	81	88	96 07	96 72	90	93	96	94	97 67	98	98	89.9 67.9
MOUNTAIN GROVE 2N	MAX		98	91	100	101	97 75	90 68	94 68	89	87	84	78	80	82 58	88	85 63	88 68	90	95	89	87 71	91 71	90 63	91 67	93	94 68	99		99	100 1		92.0 67.5
MOUNT VERNON 35W	MAX		95 77	87 66	94 75		88 75	89 70	91	85 65	84	81 59	77	74 62	83 52	88	87	91 62	95	94	85	93 73	92 69	94 63	90	94	95 05	98 65	101	99	99	98	90.7
NEOSHO	MAX	96 73	95	90 06	95	95 72	87 74	80 69	91 64	85 66	85	85 55	79 03	75 61	84 57	89	86	90	95 62	92	85	92	91 66	94	90 71	94	94 64	90 64	99		96	97	90.5
MEVACA	MAX	99		85 67	97	99	97 72	89	90	84	88	85 03	80	70	86	89	87	91		95	86	93	94	93	92	97		101	101	99	100 1		92.3
NEW FLORENCE	MAX					97 67						83	89	87	90	90	89	88	93	96	92	90	87	92	93	94	96	101	101	100	101 1	.00	91.8
	•									1		-	GIN		.,,	2,1						~1										-	

Table 5-Continued										Al			, III		5112		OI			-	-	-		-					-		-	JUL	0
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Averag
OR E GON	MAX M1N	96	92	86 65	94			89	80	80	83 57	82 64	82	84	85 65	87	89	89 68	94	93	97	97	88 66	93	96	97	97	07	100		98	101	91
OZARK BEACH	MAX																																
PE88YVILLE	MAX	98	98	9 <i>2</i> 71	96 70	101	98 76	90	88 68	87	83 54	86 50	88	92	92 58	92	90	87 68	90	94	93 67	90	87 72	яq 63	93	05 65	9.6 6.4	99	100		103	102	93
POPLAS SLUFF	MAX M1N	96	98 73	98	97	95	99	92	87 67	93	87	87 53	86 57	87 62	89	89	92	85 70	86	93	96 70	90	90 72	91	92	94	95 63	97 64	101	100	100		92 66
PORTAGEVILLE	MAX	"	,,	,,	"	,,	10	15			,,	,,					0,										7,			10			-
PR INCE TON	MAX	92	84	88	90	98 70	92 62	85 58	85 57	80	84 51	86 52	84	87 64	85 61	91	89 59	88 62	96	98	95	90	90 63	95 57	97	96	94	100	92 70	9.8	99	99	91
ROLLA MO SCH MINES	MAX MIN	97	97	91	87		102	84	89 67	88	82 56	84 55	96 61	87 61	83	88	90	85 69	84	93	98	93	83 70	90	93	97	97 68	100		102	102		92
SAINT CHABLES	MAX MIN	95 77	97	92		100	87	91 67	87 70	82	87 56	89 58	90	93	95	93	88 70	88 70	94	98 71	95 71	P.P.	90	93	96	96	9.8 70	102	102	103	104		03
SAINT JOSEPH WE APT	MAX	96 68	88	88		100	80	89	73	81 57	83	84 65	84	84	87	89	88	90	95	95 71	93	92	89	93	97	9.8 7.2	9.8	9P 74	101		99		91
SAINT LOUIS WE APT	MAX	93 78	95 78	91 72	92	98		91 64	83	81	84	87 61	89	91 63	92	93	85 70	87	94	97	96	85	88 70	93	96	96		101			104		92
SAINT LOUIS WA CITY	XAM NIM	94	94	90	1	99	90	92 70	83	79	83	87 66	87 67	91 70	92 69	90	85 71	85 70	93.	06 75	93	84 75	я <b>7</b> 74	92	94	95		100			101	- "	91
SAINT LOUIS UNIV	MAX MIN	93	94	91	94	99	93	89 70	86 70	80	82	84 65	87	88	91	89 73	85 72	83	91	94	91 76	P7 74	88	90	95	04 73	96	77		101	100	1	73
SAINT LOUIS WASH U	MAX	98	95 79	96	89		100	85	91	85	83	84	89	89	92	94	93 71	88 71	89	93	98	95	84 73	89 63	91	96 70	96	0.R 73			103		73
SALEM	MAX	97	96 76	93	92		103	85 65	90	90	85	84	84	87	84	88	88	84	87	94	96	91	88	90	90	05	95	95	100		102	- N	92
SAL ISBURY	MAX MIN	96 75	93 72	91	92	99	92	87	80 65	83	48 86 56	86 55	56 89 62	5.8 8.6 6.2	56 83 61	90	85 64	88	95	98	95 72	91	90	93	65	96 67	97	90	00	97	98		92
AVERTON L ANO 0 22	MAX	95 77	91 72	89		101	96	87 60	77 67	79	87 57	83 58	87	88	90	89	85 66	90	91	94	92	86 72	86 72	93	88 68	98		100			98	95 75	91
AIJAOB	MAX MIN	98 75	97 72	94	100		99	90	89 67	81	85 54	87 59	89	84	62 88	86	84	91	94	99	97	86 72	89 70	92	96.	97		100			101		93
EL I GMAN	MAX	96 75	94	89 7 3 .	93	94	91 73	84 68	91 67	84	83 59	78 58	72	70	60 80 59	65 85 63 L	84	84	91	93	78 68	89	89	84	84	89	91	92	95	93	03	96	97 66
EYMOUR 4NNE	MAX MIN	97	87 69	86	99	99	89	85	92	85	86	79	77	60 74 59	82 53	84	86 59	88 57	94	95	88	86	89 70	90	92	93	94	99	98	98	99	99	90
HEL81NA	MAX	92	93	91 62	88		91	83	83	79	83	85	86	86	89	90	87 65	85	94	97	96	92	87	92	95	96	97	101	100	100	100	]	9]
KESTON	MAX		101		96			100	90	91	51 84	53 85	86	59 89	90	59 89	90	63 86 71	60 89 70	63 94 71	95 71	36 74	86 73	55 88 69	62 90 65	64 94 69	95	96	74		70 98 73		93
KESTON CROP EXP FARM	MAX MAX		100	95	73 95 71		100	75	70 91	86	57 83	56 85	88	67 88	62 89	90	83 69	87 71	93	95 70	91	85	89	89	93	95	66 <b>9</b> 5 65	99 65	70 97 68	68 97 66	98	97	92
PRINGFIELO WA APT	MAX	96	77 89	84	95	75 96	76 82	72 89	70 87	82	58	57 82	76	73	61 83	87	82	88	93	95	84	90	89	93	91	9.7	95	97	90	101	101	97	80
TEFFENVILLE	MIN	75 89	89	87	87	75 95	71	69 83	67 81	78	57 82	84	88	61 86	90	63	83	63 85	93	98	71 97	87	70 85	91	91	67 03 67	92	98	07	73 08	97	73	67
WEET SPRINGS	MIN	75	68	94	100		95	58 89	60 87	81	55 84	54 89	90	63	61 89	87	63 86 61	63 90 65		70	96	70 91 71	69 91 69	61 95 53	63		70 100 67	100	74 104 72	73 101 69	71 102	71 102 70	94
ABK 10	MAX	71 98	97	90		100		59 88	82	56	51 86	56 87	86	58 85	56 87	64	89	90	96	96	71 89 68	90	88	91	94	97	9.8	98	100	99		100	91
BENTON	MIN	92		88		96	93		56 81		52 85		63	84	65 85		85	61 86	68	96	93	91	62 89	62	94	68	95	70	96	96	97	98	90
NION, 1 SE	MIN	92	72 95	88	90	71 98	92	87	84	81	56 81	58 84	87	63	92	90	85	86	93	97	94	90	89	88	95	97		102	102		73		02
NIONVILLE	MAX	72 90 72	76	85	88	74	94	60 86	67 77	77 53	51	50 83	53 86	57 86	56 82	90	63 85		91		63	70	70 87	90	95	95		95			97		89
ANOALIA	MIN	"	69	62	67	72	61	59	56	53	56	53	59	62	63	61	03	62	03	70	69	69	66	61	60	66	70	70	/1	70	70	72	66
ERSAILLES	MIN												1												-1								
ICHY CAA AP	MAX	96 77	90			103		88	84	80	82	84	87			88	82		89	94											102		9ñ 67
APPAPELLO DAM	MIN	96		71 98		96	100	63	61 86	95	-57 RR	57 85	63 87			90	92	82	88	71	95	70	86	90	90		95		100	100	76 100 :		93
ARRENSBURG C T C	MIN	97	76	75	99	101	97	71	68 87	82	87	RR	61 88	81	RQ	86	35	88			70 95	72	91	70	96	68	98	100	103	101	73	101	93
ABBENTON IN	MIN	76		73	92		97	88	86	82	61 86	62 86	60 89	90	92	95	89	86		73	75 96	92		91	95	70	QR	102	100		100		93
ARSAW NO 1	MAX	76	75	66)	66	79	72	50	64	56	54	54	50	62	59	61	65	68	6.7	69	67	73	71	50	66	6.6	70	77	71	76	72	75	66
ASOLA	MAX	99		92	QR	100	99	93	96	86	86	83	73			9.0	83		92	95			94		94						100 1		92
AYNESVILLE 2W			72		71	71	70	72	67 90	86	57	55 87	61	58 84	59 88	62 87	65 84	R7	67	96	70	71	91	93	67	95	96	100	102	71	102 1	102	93,
	MIN	68	69	68	68	73	69	60	62	55	45	46	53		54	59	59	63	60	64	63	6.8	6.7	52	54	56	60	62	64	79	6.0	06	61.

DAILY TEM	1PERATURES	MI5 JULY

Day Of Month															rage																		
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
	MAX MIN	92 76	94	88 70		98	75	89 65	87 69	79 58		85 55	89 58	90 61	90 61	91 63	87 67	86 67	90 67		92 72	88 71		91 62	97 63		9 <b>9</b> 68			104	104 76		
	MAX MIN	98 72	93 74	93 69		99 76	99 7?	87 71	91 68	84 60	85 55	83 51	75 58	85 62	86 58	90 60	84 66	87 68	96 64		89 68	92 73		94 64	94 64		96 64	101 66		101 66		102	-
	MAX	98 75	93	93		101	99 72		95 65	88	88 57	88 56	78 62	82 62	86 58	87 60	84 64	90 68	97 64	97 68	90 68	88 70		90 68	87 61		93 62	98°				100	92 • 1 65 • 7
	MAX MIN	98 76	94 71	90 72		101	93 69	89 63	85 68	83 58	85 56	86 58	88 58	80 58	87 58	89 68		89 63	95 68	99 68	93 74	89 73		93 63	94 66	96 68	96 69	99 72	101 74				92.7 67.8

Table 5-Continued

Table 6

# DAILY SOIL TEMPERATURES

Station															Day	of mo	nth															rage
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Āvei

### CONCEPTION

							-																											
	INCH	6РМ	84	84	85	86	87	80	80	74	81	84	80	82	80	82	85	83	88	90	85	87	96	85	85	90	91	92	94	93	95	94	97	86.4
	INCHES	6РМ	80	80	82	82	85	78	77	74	76	80	78	78	77	79	81	79	81	84	83	82	83	82	82	84	87	88	87	88	88	87	89	82.0
	INCHE5	6РМ	76	76	77	77	79	75	74	73	73	73	74	73	74	74	75	74	75	77	78	78	78	78	75	77	80	80	80	81	81	81	82	76.8
2	INCHES	6РМ	74	73	73	74	75	74	74	73	72	72	72	72	72	72	73	73	73	74	74	75	75	75	75	75	76	76	77	78	78	78	79	74.4
4	INCHE5	6РМ	70	71	71	71	71	72	71	71	71	70	70	70	70	70	70	70	71	71	71	72	73	73	72	73	73	73	74	74	74	74	75	71.7
6	INCHE5	6РМ	65	65	65	65	65	65	66	66	66	66	,66	66	66	66	66	66	66	66	66	66	67	67	67	67	67	67	68	68	68	68	68	66.3
2	INCHES	6РМ	60	61	60	61	61	61	61	61	62	62	62	62	62	62	62	62	63	63	63	63	63	63	63	63	63	63	64	64	64	64	64	62.3

#### SIKESTON CROP EXP. FARM

	INCH	6PM	96	101	84	96	95	96	81	87	85	83	86	87	82	94	83	80	89	98	106	82	85	89	99	101	99	86	100	99	103	104	101	92.2
	INCHES	6РМ	96	100	87	95	96	97	83	89	87	86	88	89	84	94	86	81	88	98	105	84	86	91	98	101	99	91	101	101	102	103	101	93.1
	INCHE5	6РМ	93	95	88	90	93	93	85	87	86	85	86	86	83	89	86	81	85	93	97	84	85	89	94	96	96	91	97	98	98	99	98	90.5
2	INCHES	6РМ	86	87	86	84	86	87	84	83	82	81	81	81	81	81	82	79	80	83	86	83	81	83	85	86	87	88	88	90	89	90	91	84.5
4	INCHES	6РМ	79	80	80	80	80	81	81	80	79	78	78	78	78	77	77	77	77	77	79	79	78	78	78	79	80	81	81	81	82	82	83	79.3
5	INCHE5	6РМ	73	73	74	74	74	74	74	75	75	75	75	74	74	74	74	74	74	74	74	74	74	74	74	75	75	75	75	75	76	76	76	74.4
2	INCHES	6PM	69	69	69	69	69	70	70	70	70	70	70	70	70	71	71	71	71	71	71	71	71	71	71	71	71	71	71	72	72	72	72	70.5

# EVAPORATION AND WIND

																3	Day o	f mor	ath			Q.											
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
COLUMBIA W8 AP	EVAP WIND MAX MIN	27 92	61	43 93	85	.37 53 100	61	26 92	50 91	34 86	25 88	87	36 93	38 89		92	52 90	44 98	20 101	33 101	55 97	91	31	23 96	30 100	97	30 100	32 102	30 101	28 98	25 98	37 101	1195 91.6
LAKESIDE	EVAP					.35		.15		.32. 19					.23		.14				.27	.13	.18	.27	.28	.32	.35	.31	.28	.27 19	.32	.31	7.94 470
ST LOUIS WASH UNIV	EVAP		.14	.29	.16	.08	.45									.37 16								.18		.15	.28					.16	

MAX AND MIN IN TABLE 6 REFER TO EXTREMES OF TEMPERATURES OF WATER IN PAN AS RECORDED DURING THE 24 MOURS ENDING AT TIME OF OBSERVATION.

# STATION INDEX

	,					,					7 (							,				LESCOUR LY 195
Station	Index No.	County	Drainage	Latitude	Longitude	8	Ober vation distribution	na.	Rei te.bl	0		Station	Index No.	County	Drainage; Latitude	Longitude		100	Temp quel	on	Re to	0
Advance 5 EBE Albaoy Alton 8 GME Amity Amsterdam	0051 0137 0143	6toddard Gentry Grawon Dawalh Bates	1 4	37 08 40 15 36 42 39 52 38 21	98 50 84 20 81 17 94 26 94 35	358 872 - 1620	- 3	5P Nello Moroni 6P William J. Builar 7A Loyd E. Slack 7A D. M. Colhour ID S. A. Wershner	2 2 8 2 3 5 2 2 3 5	c c		La Bella Lakanide Lamar Lampa Forcet Servica Lampa 4 MMS	4694 4705 4727	Levie Milier Sarten Stone Stone	6 40 6 9 38 1 W 37 3 12 36 3	2 92 0 94 4 93	37 16 26	865 980	- 7	6A James M. Finhback 7A 0. 6. Frame 7A Marie Mane 7A Orley F. Scott MID Mrs. A. O. Rogera	2 3 5 2 3 5 2 3 6 3	e c
Anderson 1 SW Annapolle 7 SW Appleton Cliy Arcadia Achton 1 W	0179 0204 0224	McDonald Iron St. Clair Iron Clark	9	38 39 37 20 38 12 37 25 40 27	84 27 80 47 84 02 8D 37 91 49	900 926	8P 5P	7A B. M. Chamberlaid 7A Dpal G. Butter 6P F. Paul Eye 7A Arcadia College ID Gleo A. Woodruff	2 2 5 3 2 3 8 2 3 8	c		Lathrop 2 SW Lehanon 1 EME Loaper, Leas Summit I M Lexington	4625 4844 4846	Climien Laclada Wayne Jackaon Lafayette	4 39 3 9 27 4 1 37 6 7 38 5 7 39 1	1 92 4 90 6 94	36 1 42 23	080 240 - 668		6P Cecll F. Haye 7A 6rodla D. Barnett 7A CLOSED MID Benjamin F. Bmitb 7A eilliam 6. Cullon	2 2 5 2 2 5 4/30/5 2 3 5	,3 C
Auxvacce Ava Rangar Siatlon Bedford 1 B Bellevice Bernie	0385 0503 0539	Callaway Douglas Llwingeion Iron Sieddard	12 4 5 10	39 00 36 57 38 41 37 41 38 40	91 54 82 40 93 23 90 41 69 58	1080	<u> </u>	7P C. H. Hook 8A U.S. Forest Service ID Barry S. Siephene 7A Heulah M. Alasander 7A Harold R. Summere	2 3 3 2	c c		Licklng 4 R Lineus 2 S Livenia Lockwood Loulaiana Starkm Nur.	4978	Taxae Line Putnam Dade Pika	3 37 3 4 39 5 2 40 2 9 37 2 6 39 2	0 93 8 62 3 63	12 42 57 1	277 W35 - 076 469	6P	7A Robert D. Damson 5P Werla eadw KID loal M. Tade 7A Subert A. Klemaa 6P Stark Mrea. Mureery	2 3 5 3 2 3 5 2 3 5	0
Betbany Sirch Tree 6lack 6 EW Bloomfield Bollvar	0666 0695 0735 0789	Harrieen Hbannen Iren Sioddard Polk	10	40 16 38 59 37 37 39 53 37 37	94 02 91 20 90 59 69 58 83 25	918 1000 1000 440 1071	5P 7P	7A Carl W. Slaughier 7A Mildred S. Catlett 7P Dite Goggio 7A Geerme E. Long SP 6W Baptlai Collega	2 2 5 2 2 6 2 3 6 3 2 3 5	7 C		Loulaiana Locerne Macedenia Lookoui Macen Madlson	5164 5175	Pike Putnam Ripley Macon Monroe	6 38 2 4 4D 2 1 36 4 2 39 4 6 39 2	7 93 5 90 5 92	54	675	74	7A George A. Garaar 6A D. A. Browning 6P 6ey C. Mehiaatt 7A John W. Atwell 6A Ence Wood	2 3 3 2 3 5 3	7 0
Boonville Waier Worka Bowling Green Bradieyville Brookfield Brunewick	0858 0879 0980	Cooper, Pike Taney Linn Chariton	12 4	36 58 39 21 38 47 39 47 39 29	82 45 91 12 92 55 93 05 93 09	650 - 767 952	5P	7A Boenville Waier Dep 9A Virwil Cook 7A Simar A. Buhhard 5P G. F. Breen 7A D. S. Senecke	2 2 5 3 3 2 2 6 2 2 5			Malden CAA AP Manefield Marhle Sill Marehall Marehfield	5227 5253 5299	Dunklin Wright Boilinger Galine Weheter	10 36 3 12 37 0 8 37 1 7 39 0 12 37 2	6 92 8 89 7 93	35 58	297 - 532 775 484	6P 5P	MID U.S. Clvli Aero Ada 74 Hanry O. Brown 74 Sryan A. Williams 5P Municipal Utiliiam 5P Sho-Me Powar Co.	2 2 6 3 2 3 5 2 3 5 2 2 5	7 0
Buffalo Sunker Burlington Junction Butler Butler CAA AP	1101 1141 1145 1147	Dallan Reynolde Nodaway Batee Baies	1 7	37 39 37 27 40 29 38 19 39 18	93 05 91 12 95 04 94 20 94 20	- - 849 870	5P MID M	8A L. E. Sowerten 7A C. D. Bighley 7A Ralph B. Fuller 5P Sarley W. Johnsen ID U.9. Civil Aero Adm	2 3 3 2 3 5 2 3 5	7		Martinahurg Maryville Maryville 7 MMW McCredle 2 W McCredle Exp. Station	5340 5345 5410	Audrain Modaway Modaway Callaway Callaway	7 39 0 7 4D 2 7 4D 2 7 38 5 7 39 5	1 94 5 84 8 91	58	169		7A Fr. B. Freesa 6P R. B. Monigomery MiD Earl W. Trueblood MID Lelia B. Craig MID U.S. Soll Ceaserv.	2 3 5	000
Camdenton Camphell Camien Lock & Dam 20 Cap Au Grie Lock & Dam Cape Girardeau Mo Staie	1221 1275 1293	Camden Dunklin Lewia Lincoln C Girardeau	10 9 8	39 D2 38 29 40 08 39 00 37 18	92 45 90 04 81 31 90 42 99 32	940 314 499 - 347	5P 7P	4P Mo. Conserv. Cemm 5P Mr. M. Bob Comer 7A Lockmanter ID U. S. Engineere 5P Teachere College	2 3 5 2 3 5 2 3 5 2 3 5	7 7	9	Memphie Mercar 6 NW Meaico Middlatown 5 NE Milan	5519 5541 5595	Scotland Mercer Audrain Plke 9ullivan	8 40 2 4 4D 3 6 39 1 6 39 1 4 40 1	3 93 0 91 D 91	38 53 22	900	7A	7A. John W. Alexandar 7A Oscar L. Hartlwy 7A D. S. Woode 7A Eleise W. Graham 7A Charlea E. 6mith	2 3 5 3 2 2 5 3 3	
Cape Girardeau Caplinger Milln Carrollton Carthage Caruthereville	1304 1340 1358	C Glrardeau Cedar CarrolI Japper Pemlecot	9 7	37 18 37 49 39 22 37 11 36 11	99 32 93 49 93 30 94 17 89 40	754 992 265	6P 6P	7A Lae L. Albert 6P 9. E. Price 6P Barold E. Finley 7A Phil B. Davie 7A Victor T. Malloure	3 2 3 5 2 3 5 .2 3 5 .2 3 5			Miller 2 88 Moberly Radle KNCM Moneti Moree City Mora	5671 5700 5708	Laerence Randolph Barry Monroe Benion	10 37 1 8 29 2 8 26 3 6 39 3 7 39 3	4 92 5 93 9 91	26 55 1 44	280 850 310	6P 9A	MID William A. Garoutie SP Radio 6ta. WMCM SA Wasnath G. Meuser SS.J. S. Couwry MID, Emma M. Meyar	2 3 5 2 3 5 3	6
Caseville Ranger Sta. Centerville Centerville Banger 91a. Centralia Chadwick	1467 1472 1482	Barry Reynolds Reynolds Boene Cbriatian	1	36 41 37 26 37 29 39 12 36 56	93 52 9D 57 90 57 92 08 93 03			7A Flerence A. Karow 7A Corda Jane Barrieon 8A U.9. Forent Service 8A Earl W. Seymour 7A Sylvia Fletcher	3 3 2 3 3	С		Morehouse Moselle Mountain Grova 2 N Mount Vernon 2 SW Nacebo	5816 5834 5861	New Madrld Franklin Wright Lawrence Newion	8 38 5 5 36 2 3 37 0 9 37 0 9 36 5	90	54 16 1	497 463 174 011	5P 6P 5P	4P J. A. Spence 8A Ernent J. Poeier 8A No Fruit Exp Sta 6P Wm. E. Sirchboff 5P 0.8. Fishariee 9ta.	3 3 2 3 5 2 3 5 2 3 5	(
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Station	Index No.	County	Drainage !	Latitude		Longitude	Elevation	vai	Pecipon na dipo		Refer to tables	Station	Index No.	County	Drainage	Tribbilli	Latitude	Longitude	Elevation	va	Precip.	Observer	Refer to tables
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#### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Iodex are assigned on a state hasis. There will be oo duplication of numbers within a state.

Figures and lattere following the etation name, such as 12 SSW, indicats distance in miles and direction from the poet office,

Observation times given in the Station lndex are in local standard time.

Delayed data and corrections will he carried only to the June and December issues of this hulletin.

Wonthly and acasonal nnowfall and heating degree days for the preceding 12 months will be carried to the June issue of this bulletin.

Station names appearing to tables, but for which data are not listed, are either missing or received too late to he included in this issue.

Unless otherwine indicated, dimsusional unite used in thie hullstin are: tempsrature in °F., prscipitation and svaporation in inches, and wind movement in ailes. Degree days are haned on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Tahls 1, heginning with July 1948.

Assunta in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tablea 3, 5, 6, and nnowfall data in Table 7 are for the 24 hours ending nt time of observation. Sss the Station Indsx for observation time.

Show on ground in Table 7 in at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.
"THE EQUIV" in Table 7 means the water equivalent of snow on the ground. It is meneured at selected stations when the depth of snow on the ground is two lackes or more.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 ie indicated by no entry.

  And also on a later date or dates.

  Amount included in following measurement, time distribution unknown.

  Gage is equipped with a windshield.

  Adjusted to a full month.

  Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

  Water equivalent of nowfall wholly or partly satimated, using a ratio of 1 inch water equivalent to svery 10 inches of new nowfall.

  One or more days of record missing; eee Table 5 for detailed daily record. Dagres Day data, if carried for this ethtion, have heen adjusted to reprenent the value for the full month.

  Daily values and mount too small to measure.

  Trace, an amount too small to measure.

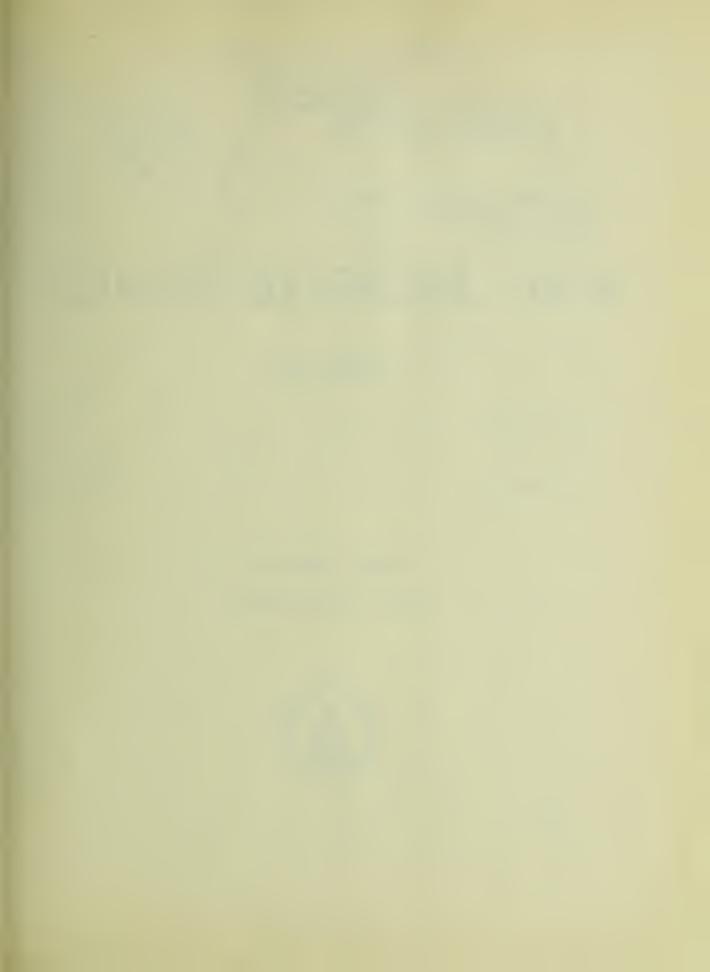
  Valuedated total for previous month.

  This entry in time of observation column in Station index means observation made made made made to the subject of the station of the subject of the station index means observation made made made made to the subject of the s

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WRPC, KANSAS CITY, MO., -- 9-11-53 -- 945

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NAT. HIST.

U. S. DEPARTMENT OF COMMERCE SINCLAIR WEEKS, Secretary WEATHER BUREAU

F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

**MISSOURI** 

OCT 26 1953

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UNIVERSITY OF ILLINOIS

AUGUST 1953 Volume LVII No. 8



#### MISSOURI - AUGUST 1953

H. F. Wahlgren, Section Director - Saint Louis

### WEATHER SUMMARY

The temperature was higher and precipitation was less than normal for the month of August. The State average temperature was 77.7., or 1.2° above normal, while precipitation averaged 1.31 inches, or 2.47 inches less than normal, to make this the driest August since 1936, and the fourth driest on record. It is the fifth consecutive month of below-normal rainfall. With the exception of March, all months, of 1953 have had deficient rainfall. For some areas of the State it was the third month of severe drought conditions, and in southwestern Missouri the worst drought of record. Total precipitation for the period May through August has averaged 8.34 inches over the State, or less than half the normal of 16.91 inches total precipitation for these months. The cumulative effect was a month of disastrous drought. The conditions of above-normal temperature and below-normal precipitation prevailed in all sections of the State.

The highest temperature recorded during the month was 105°. This occurred at Amity on the 14th, at Doniphan on the 15th, and at Union on the 31st. The lowest was 43° at Waynesville on the 19th. The highest mean temperature was 81.1° at Warrensburg Central State College, and the lowest was 74.4 at Elsberry. Temperatures were seasonable during the month except for very warm weather during the periods 1-3d, 14-15th, and on the 31st, when maxima were generally near 100° or higher over the State The coolest periods were the 8-9th and 19-20th, when minimum temperatures in the 50's were general, with some in the 40's.

The greatest total amount of rainfall recorded was 4.52 inches at Elsberry, and the least was a trace at Siloam Springs. Widely scattered showers, locally heavy in a few cases, occurred on the 4th through the 7th, and there were showers again on the 12-13th and 16-17th. During the final two weeks of the month there was no significant precipitation anywhere in the State.

The cooler weather and scattered showers early in the month were locally and temporarily beneficial to corn, soybeans, hay and pastures, but these benefits were lost in the last half of the month. The month ended with pastures practically non-esistent, and emergency pasture crops mostly failures. Corn was maturing though ears were poorly filled; the soybean crop was in a state of continuing deterioration, and a large percentage was being cut for hay. Cotton picking was beginning, with bolls smaller than normal. Supplemental feeding of livestock was general throughout the State. Much more of the corn crop was going into silos than usual, even in the northern part of the State which had suffered less than the area south of the Missouri River. Much of the corn crop not ensiled was being cut for fodder. The soil was too dry for seed bed preparation for fall seeded small grain, or for germination in the small acreage that had been seeded. Providing water for livestock was becoming a serious problem as wells, ponds and streams went dry. Herds were being drastically thinned out because of lack of feed and water.

There were two small tornadoes reported during the month. One in Franklin County, on the 1st, caused about \$5,000 damage to crops and property, and the other, near Pleasant Gap on the 3d, did no appreciable damage. A farmer near Kidder was killed on the 3d when struck by a bolt of lightning. There were severe hailstorms on the 7th: at Cape Girardeau, with resulting property damage of about \$200,000 and crop damage of about \$40,000; at Saint Louis, with property damage of about \$100,000; at Owensville, where damage amounted to about \$50,000 for property and \$20,000 for crops. There were no floods during the month.—AJC

# SUPPLEMENTAL DATA

MISSOURI AUGUST 1953

	Wind	direction		Wind m.	speed p. h.		Relati		idity ave	rages -		Numl	per of d	ays with	precip	itation			
Station	Prevailing	Percent of time from preveiling	Average	Fastest	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.10–.49	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover
LUMBIA WE AP	SSE	14	8.2	26	NW	7	67	75	43	42	2	2	1	0	0	1	6	72	4.2
NSAS CITY WE AP	NE	21	9.3	28	N	6	58	74	40	38	3	2	2	0	0	0	7	86	3.6
. JUSEPH W8 AP	-	-	8.2	34	N	6	-	78	43	40	2	3	1	1	0	0	7	75	3.3
. LOUIS WB CITY	5 †	12†	9.1	27	NW	8	64†	76†	43†	44†	2	0	4	0	0	0	6	82	4.1
RINGFIELD WB AP	SSE	23	10.7	29	NW	12	66	78	42	39	2	3	2	0	0	0	7	87	4.4

† -- airport data

## COMPARATIVE DATA

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Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Āverage	Average	No. of days .01 or more
1888 1889 1890 1891 1892	74.0 73.5 73.3 73.2 74.3	110 101 106 102 102	45 52 47 38 44	7.03 1.69 5.13 5.29 2.65	0 0 0 0	11 14 9 8 6	1913 1914 1915 1916 1917	82.8 78.0 69.8 79.2 73.3	110 106 98 107 104	41 49 37 41 38	1.09 4.25 8.19 4.09 4.69	0 0 0 0	3 9 12 7 9	1938 1939 1940 1941 1942	81.1 75.4 75.6 79.2 75.1	108 106 107 106 106	53 45 45 49 41	2.62 4.80 5.78 3.15 4.24	0 0 0 0	6 9 12 8 9
1893 1894 1395 1896 1897	72.8 77.0 75.3 76.6 74.1	100 111 104 108 108	40 39 46 41 41	1.99 1.64 4.02 3.13 2.37	0 0 0 0	4 5 8 6	1918 1919 1920 1921 1922	81.8 75.7 73.1 76.8 77.5	111 106 102 109 107	45 44 43 48 46	3.57 4.33 4.69 5.39 2.44	0 0 0 0	8 8 9 9	1943 1944 1945 1946 1947	79.8 75.9 76.8 74.0 83.4	110 107 103 111 109	44 41 45 37 56	2.46 6.09 2.08 5.64 1.81	0 0 0 0	6 10 5 9 5
1898 1399 1900 1901 1902	75.8 78.8 80.3 78.4 75.0	103 107 105 109 103	44 49 52 47 47	3.13 3.13 3.55 2.05 6.06	0 0 0 0	5 7 6 5	1923 1924 1925 1926 1927	77.3 77.2 76.5 77.5 71.1	108 106 107 106 97	42 48 45 50 39	3.81 4.11 3.34 5.65 5.09	0 0 0 0	8 7 6 10 9	1948 1949 1950 1951 1952	76.2 75.1 71.2 76.2 75.7	104 99 98 105 104	46 42 37 48 40	2.14 3.04 6.72 5.14 5.12	0 0 T T	6 7 12 10
1903 1904 1905 1906 1907	74.5 73.7 76.4 76.6 77.3	102 100 99 101 109	43 43 48 40 47	5.00 5.40 4.68 4.70 3.89	0 0 0 0	10 8 8 11 9	1928 1929 1930 1931 1932	76.4 76.0 78.5 74.9 77.2	99 105 114 106 106	45 43 47 44 46	5.48 2.58 1.99 4.97 5.70	0 0 0 0	9 6 6 9 9	1958	77.7	105	43	1.31	т	4
1908 1909 1910 1911 1912	76.4 79.5 74.7 75.4 76.2	102 110 103 109 104	46 40 40 41 41	3.46 0.60 2.92 4.33 4.04	0 0 0 0	8 2 6 7 9	1933 1934 1935 1936 1937	75.4 80.6 77.7 84.6 80.5	103 115 110 116 105	48 41 45 43 51	3.82 4.01 2.20 0.84 2.05	0 0 0 0	9 9 6 4 5							

erages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

				Tem	perat	ure									Þ	recip	itation				
				7					į,	No	of Da	ys		ig .	-		Snow.	Sleet, H.	لله		of Doy
Station	Average Maximum	Average Minimum	Average	Departure From Norma	Highest	Date	Lowest	Date	Degree Days	Max Poor S	-	Min.	Total	Departure From Norma	Greatest Day	Date	Total	Max. Depth on Ground	Date	20	.50 ar Mare
NORTHERN DIVISION																					
ALBANY AMITY BETHANY BROOKFIELD BRUNSWICK	91.9 92.6 91.5 93.4 90.5	60.8 63.4 60.9 64.2 64.7	76.4M 78.0 76.2 78.8 77.6	1.2	104 105 101 104 100	1 14 1 2 1+	54 51 54	20 19 19+ 9	0 0 0	21 18 21 16	0 0	0 0	1.21 .55 1.15 1.92 1.52	-2.39 -3.65 -2.67	.87 .21 .47 1.01	6 16 4 7 4	.0	0 0 0		4 5 6 5 6	1 0 0 0 1 1 1
CANTON L & D 20 CARROLLTON CHILLICOTHE RADIO KCHI COLUMBIA WB AP CONCEPTION	87.9 92.5 90.1 90.1 92.0	62.4 62.6 59.9 65.5 63.9	75.2 77.6 75.0 77.8 78.0M	-1.1 5 1.6 3.3	98 103 99 101 101	1+ 1 1+ 1 1+	49	9 19 22 19	0000	13 20 15 16 20	0	0 0 0 0 0 0 0 0	.58 1.29 1.26 2.82 1.80	-2.58 -2.70 -1.07 -1.84	.32 .55 .67 2.40	12 16 7 4 6	.0	00000		6 5 6 4 2	0 1 1 1 2
EDGERTON ELSBERRY FAYETTE FOUNTAIN GROVE WILDLIFE FULTON 4 SW	88.9 89.8 90.5 91.9	59.8 63.3 60.3 64.1	74.4 76.6 75.4M 78.0	-2.1 .7	101 100 100 103	1+ 1 14 1+	52 49	19+ 19 22 18	0	19 17 16 19	0	0 0 0	4.52 2.16 1.19 2.79	1.26 -1.40 86	1.30 1.07 .72 2.40	17 4 7 4	T .0 T	0 0		9 4 5 4	3 2 1 1
GRANT CITY HANNIBAL WATER WORKS KANSAS CITY WB AP R KIDDER KIRKSVILLE RADIO KIRX	90.8 88.9 90.8	62.4 64.4 69.2	76.6 76.7 80.0	1.7 1.7 1.0	104 100 100	1 31 1+		9+ 9 19	0 0 0	16 14 17	0	0 0 0	1.80 .95 .55	-2.14 -2.39 -3.34	.83 .31 .34	6 12 16	.0	0 0		3 6 4 3	2 0 0
KIRKSVILLE CAA AP R	88.9	61.8	75.4	2.7	99	1+	53	9	0	15		0 0	2.08	2.733	.98	11	.0	.0		5	2
LATHROP 3 SW LOUISIANA STARKS NURSERY MACON MARYVILLE	91.0 89.3 89.5	60.5 62.0 62.3	75.8 75.7 75.9	4 2.1	100 101 102	31	52	19+ 18 20	0	18 15 14	0	0 0 0	2.51 2.45 1.21	-2.03 -1.36 -2.77	1.07 .98 .67	16 2 6	.0	0 0		7 7 4	2 2 1
MEMPHIS MEXICO MOBERLY RADIO KNCM NEW FLORENCE OREGON	92.7 91.0 89.9 90.4 89.3	62.8 63.6 63.3 63.8 65.2	77.8 77.3 76.6M .77.1 77.3	2.6 1.3 .9	102 102 100 102 99	2+ 1+ 1 1	52 51 53 56	9 19 9 8	0 0 0	23 17 17 20 15	0 0	0 0 0 0 0	.30 2.28 3.01 1.72 1.15	-3.67 -1.57 80	.22 1.05 1.72 1.20 .93	7 4 16 4 6	.0	0 0 0 0		2 6 5 6 4	0 2 3 1 1
PRINCETON ST CHARLES SAINT JOSEPH WB AP R SALISBURY SAVERTON L & D 22	91.6 92.4 89.6 92.0 89.1	59.1 65.8 64.6 63.8 65.5	75.4 79.1 77.1 77.9 77.3	2.3 -1.0	100 102 100 100	1 1+ 1+ 1+ 31	47 54 55 54 56	22 19 19 9+	0 0 0 0	20 21 14 20 15	0	0 0 0 0 0	1.37 1.12 .88 1.41 1.67	-3.12 -2.85 -2.79	.88 .47 .52 .48	7 8 6 12 1+	.0	0 0 0		45559	10100
SHELBINA STEFFENVILLE TARKIO TRENTON UNIONVILLE	90.5 90.0 88.8 90.0 88.7	61.4 62.5 61.0 63.5 62.0	76.0 76.3. 74.9 76.8 75.4	2 3 1.6	100 99 101 99 99	1+ 30+ 1 2	51 53 52 54 53	9 9+ 18+ 9	0 0 0 0	17 17 14 17 15	0 0	0 0 0 0 0 0	1.63 .94 3.68 2.10	-2.09 -3.10 22 -1.78 -3.45	.51 .51 1.22 .99	4 7 3 7 7	.0	0 0 0 0 0		6 5 6 5 4	1 1 4 2 1
VANDALIA WARRENTON 1 N	92.1	63.5	77.8	1.3	101	29	53	10	0	19	0	0 0	.80	-2.87	.66	16	. 0	0		3	1
DIVISION	1	03.3	76.8	1.3	101			- 7					1.66	-2.05			T				
SOUTHWESTERN DIVISION																					
ANDERSON 1 SW APPLETON CITY BOLIVAR 80ONVILLE WATER WKS 8UTLER	92.0 94.8 92.3 89.1 93.4	60.0 64.8 65.5 64.8 67.1	76.0 79.8 78.9 77.0 80.3M	-1.7 2.0 2.0 .8	98 103 101 101 100	1 14+ 1	55 55	20+ 9 19 19	0 0 0	23 24 23 14 23	0	0 0 0 0 0 0 0	1.76 .78 2.48 4.23 .82	-2.36 -3.18 -1.38 32	.85 .24 .86 3.50	17 3 16 4 4	.0	0 0 0 0		5 6 5 6 6	1 0 2 1 0
BUTLER CAA AP CAMDENTON CAPLINGER MILLS CARTHAGE CLINTON 1 NNW	92.6 94.1 93.1 93.2 92.3	63.8 62.8 63.1 63.6 63.0	78.2 78.5 78.1 78.4 77.7	.1		1 14+ 15	49 50	19 19 20	0 0 0	24 24 26 26 26 20	0 0	0 0 0 0 0 0 0 0	.95 1.88	-3.60 -3.02	.41 1.18 .53 .69	3 4 3 1 4	.0	0 0 0		4 3 7 6 3	0 1 1 2
ELDON HARRISONVILLE HERMITAGE JEFF CITY KWOS JOPLIN CAA AP	94.3 92.8 94.0 91.9 91.9	65.1 64.5 58.2 63.2 67.9	79.7M 78.7 76.1 77.6 79.9	3.3 2.8 .9 2.6	103 102 103 102 100	14 14+ 1	54 55 45 49 57	9+ 8 19 19	0 0 0 0	25 22 25 20 22	0	0 0 0 0 0 0 0 0	.58 1.05 .99 1.90	-3.08 -3.13 -1.93 -3.69	.45 .40 .53 1.26	4 4+ 18 4 12	.0 .0 .0	0 0 0		4 4 2 4 2	0 0 1 1 0
K C UNIV OF K C LAKESIDE LAMAR LEBANON 1 ENE LEXINGTON	92.7 92.8 92.6 90.6 92.9	65.4 60.7 64.4 62.4 66.6	79.1 76.8 78.5 76.5 79.8	.5 -2.3 .8 .4 3.6	103 101 100 100 103	14 1+ 5+ 1+ 2	48 53 49	1.9 20	0	20 24 23 20 23	0	0 0 0 0 0 0 0 0	.45 .38 .14 2.33 .56	-4.04 -2.79 -4.15 -2.16 -2.96	.24 .38 .14 1.18	5 4 12 5 12	.0	0 0 0 0		3 1 1 8 5	0 0 0 2 0
LCOKWOOD MARSHALL MARSHFIELD MONETI MOUNTAIN GROVE 2 N	93.3 92.3 91.7 91.2 92.0	65.5 64.4 63.6 65.2 63.9	79.4 78.4M 77.7 78.2M 78.0	2.2 2.4	102 101 102 100 101	1+ 15 5	53 53 53		0	23 20 22 21	0	0 0 0	1.54 1.85 1.47 .98	-3.16 -2.05	.60 .86 .86 .77	12 4 12 12 7	.0	0 0 0 0		5 5 4 4 2	1 2 1 1
MOUNT VERNON 3 SW NEOSHO NEVADA OZAPK BEACH SEDALIA	92.7 92.9 94.9	63.5 61.5 66.4	78.1 77.2 80.7	1.4 .1 3.6	102 100 104	15	50 50 55	20+	0 0 0	24 26 26 26	0	0 0 0		-3.38 -1.11 -3.52 -3.88	.84 1.57 .15	12 12 17	.0	0 0 0		3 5 3	1 2 0
SELITGMAN SE /MOUR 4 NNE SPPINGFIELD WB AP R SWEET SPRINGS // RSAILLES	88.9 92.0 90.1 93.2	64.5 62.0 65.9 62.9	76.7M 77.0 78.0 78.1	2.9 .5 2.0 1.5	98 102 99 104	15 15 15	52 47 55 48	9 19	0 0 0	18 19 20 20	0	0 0 0 0 0 0 0	1.12 .47 .64 1.22	-3.88 -2.88 -3.77 -3.37	.62 .47 .35 .84	7 7 12 4	.0	0 0 0		5 1 5	1 0 0 1

## TABLE 2 - CONTINUED

TABLE 2 - CONTINUED					Ten	pera	ture	_										recip	itation					
						Ī					1	No. of	Day			•			Snow	Sleet, H	ail	No.	of D	ays
Station		R			. Te					Days	M	ax.	M	in.		- Hari	Day			ag g		More	More	
		Average	Average	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree I	90" or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest	Date	Total	Max. Depth on Ground	Date	.01 or M	.50 or M	1.00 or More
#ARRENSBURG CENT T C #ARSAW NO. 1 #ASOLA #AYNESVILLE 2 W # NDSOR 3 NW		93.6 92.9 92.0 92.7	68.6 64.2 58.3 65.5	81.1M 78.6 75.2M 79.1	4.0	103 103 101 101		55 43 56	19	0 0 1 0	21 24 21 23	0 000	0 000		.26 1.42 .91	-2.85	.94 .14 .96	4 5 4 4	.0	0 0 0		4 3 4 5	0 1 1	0 0 0 0
DIVISION				78.3	1.5										1.19	-2.71			Т					
SOUTHEASTERN DIVISION																								
ADVANCE 5 E5E ARCADIA BIRCH TREE		92.1	59.9	76.0	-1.3	100 101	1+	50	21	0	20 21	0	0	00	.92 .55	-2.89 -3.82	.33	4 5	.0	0 0		6	0	0
BLACK 6 NW CAMPBELL		91.4	57.7	74.6	.1	99	1+	45	19+	0	21	0	0	0	1.29	<del>-</del> 2.95	.60	23	.0	0		4	1	0
CAPE GIRARDEAU MO ST CARUTHERSVILLE CHARLESTON		91.5 91.0 92.6	65.3 69.6 65.2	78.4 80.3 78.9M	.0	99 98 101	16	55	21 19+	0 0	20 20	0 0 0	0000	0	2.05 1.14 1.59	-1.85 -2.55	1.43 .71 1.19	8 8 4	.0	0 0 0		4 3 4	1 1 1	1 0 1
CLEAR AATER DAM CRY5 "AL CITY 1 N		92.4	59.6	76.0M	-2.2	103	3	47 46	20 19	0	21	0 0	0 0	0	.28	-2.15	.27	4	.0	0 0		2	0	0
DONIPHAN FARMINGTON FARMINGTON CAA AP GREENVILLE 4 NNW HOUSTON		96.3 91.8 90.3 94.6 91.4	63.1 61.0 61.0 60.7 61.9	79.7 76.4 75.7 77.7 76.7	2.1 1.0	105 100 99 104 102	1+ 1 15	49	19 19 20	0 0 0	29 19 18 27 20	00000	00000		.55 1.34 1.67 .48	-3.69 -2.96 -3.80 -2.76	.30 .50 .75 .25	18 17 17 24 12	.0	0 0 0 0 0		4 4 4 5	0 1 2 0 0	0 0 0
JACKSON KENNETT RADIO KBOA KOSHKONONG LICKING 4 N MALDEN CAA AP	R	94.8 94.6 92.7 90.6 92.9	63.2 66.3 66.5 65.0 65.5	79.0 80.5 79.6 77.8 79.2	2.9 1.7 1.1	103 103 100 99 101	16 1+ 1+	53 57 57 57 57	20+ 20 20	0 0 0	25 26 24 19 22	00000	00000	0 0	1.11 .98 .80 .67	-2.97 -3.36 -1.67	.53 .43 .33 .42	8 4 14 4 4	.0	0 0 0 0		5 3 6 7 3	1 0 0 0 0 0	0 0 0 0
MARBLE HILL PERRYVILLE POPLAR BLUFF PORTAGEVILLE ROLLA SCHOOL OF MINES		94.6 92.1 93.8 92.9 93.0	59.2 61.8 63.4 66.3 64.2	76.9 77.0 78.6M 79.6 78.6M	1 .6	103 100 102 100 104	1+ 16 16	47 50 52 57	20+	0 0 0	25 22 25 24	0 0 0	00000	0 0 0	.28 .52 .68 .43	-3.84 -3.89	.14 .25 .47	17+ 5 5 4	.0	0 0 0		2 5 5 2	0 0 0 0	0 0 0
SAINT LOUIS WB AP SAINT LOUIS WB CITY SAINT LOUIS UNIV SAINT LOUIS WASH U SALEM	R R	90.1 89.7 89.5 90.8 91.4	66.5 70.1 70.1 66.3 60.4	78.3 79.9 79.8 78.6 75.9M	.6 1.3 2.0 .4	101 101 101 102 100	1 1 1	55 61 61 57 48	8+ 20 19	0 0	17 15 15 17 20	0	00000	0 0	.86 .84 1.16 1.44	-2.69 -2.93 -2.78 -3.68 -3.94	.47 .31 .48 .71	7 12 7 8 13	.0 T	0000		6 4 4 6 4	0 0 0 1 0	0 0 0 0
SIKESTON SIKESTON CROP EXP FARM UNION 1 5E VICHY CAA AP MAPPAPELLO DAM		93.8 92.0 91.9 89.8 92.9	66.3 64.1 59.7 65.5 66.3	80.1 78.1 75.8 77.7 79.6	2.5 -2.2	102 100 105 102 102	16+ 31 1	54 54 46 55 59	21 19 19	0 0	23 .20 20 17 22	0 0 0 0	00000	0	.92 1.22 1.36 1.96 2.14	-2.88 -3.34 -2.11	.72 1.10 .48 1.32 1.07	5 4 12 4 31	.0	00000		3 4 7 7 3	1 0 2	0 1 0 1
#EBSTER GROVES #EINGARTEN #EST PLAINS #ILLO# SPRINGS		89.7 91.8 92.9 91.9	65.0 64.4 62.7 61.1	77.4 78.1 77.8 76.5	.8	100 103 104 104	1 15	54 53 52 48	19 20	0 0 0	17 21 22 19	0 0	0 0 0 0	0	2.24 1.90 .48 1.23	-2.25 -2.85	1.20 .95 .36 .82	1 12 1 23	.0	0 0 0		5 3 4 5	1 2 0 1	1 0 0 0
DIVISION				78.0	.9										1.06	-2.69			Т			-		
STATE				77.7	1.2										1.31	-2.47			Т					

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	onth 15	16	17	18	19	20	21 2	2	23	24	25	26	27	28	29	30
VANCE 5 ESE	• 92				•33		1		•25									.06	.18				.06								.0
BANY TON 6 ENE ITY	1.21 .50				т		.15	•20 •17	a 0 1			.12	т				•02			.50											
DERSON 1 SW NAPOLIS 7 SP PLETON CITY	1.76 .36 .78			•24	.39 .01	.04	•22	т				•02	•11	.06				•85 •12	.32						-						.0
CADIA XVASSE A RANGER STA	1.60 .78			* 2 4	·25 1·53	.30	•05	•07				•02					. 04	.18							•12						
LEVIEW NIE THANY - RCH TREE RCK 6 NW	.92 .23 1.15	-	-	-	•47 - •26	- 57	.16	.25	·01	- ,	-	. 23	T - •40	•35	-	-	.03	-03	- 21	-	-	-	. 02	.60	-	-	-	-	-	-	-
OMFIELD LIVAR INVILLE WATERWKS WLING GREEN KOLEYVILLE	1.00 2.48 4.23 4.36			•29	.84 3.50 1.10	•50		1.	•08 •02 •67				T •23 •25				.86	.42 .02 2.34	.07					.26	. 38	•03					
OKFIELD NSWICK FALO KER	1.92 1.52 2.70 1.21	•13		• 0 4	•71 1•56 •25	т		1.01	•05			*04 T	.49 .25 .29	•17			•34	.05 .52 .48	•20						7						т
RLINGTON JUNCTION TLER TLER CAA AP	1.81			+11 +16	•63 •18	.13	.17					• 35					.12	.06													
DENTON PRELL TON L AND D 20	.68 1.25 -	-02	-	- 41	1.18	- 17	T -	-11	- 03	- 08	-	-	- 32	-	-	-	.04	.06	-	-	-	-   .	-	-	-	-	-	-	-	-	T -
E GIRARDEAU MO ST E GIRARDEAU	2.05				• 38	•20			1.43				• ,,,					.21						т							
INGER MILLS ROLLTON THAGE	.95 1.29 1.88	.69	•04 •50	•53 •30	•15 •06	•09	•07	•02				.01	•41 •13				.55	•04	.03	_											
UTHERSVILLE SVILLE RANGER STA TERVILLE TERVILLE RANGER STA TRALIA	1.14 1.59 1.05 1.33 2.24			т	•31 •40 •62	.23 .10 .06 .06	Т	*72 T	.71 T				1.14	•11 •21				.46 .46 .45	.31 .12 .15	T											
OWICK RLESTON LLICOTHE 2 S	.71 1.59 1.05				1.19	.34	_	.17	.35			. 15	•03				•10	.20	.03						[					• 02	
ILLICOTHE RADIO KCHI	1.26			•16	-04	-		.67	*00			.09	•05				.25	.04	•48						т						
FTON CITY INTON 1 NNW -OMA	1.22 .63 .67				•87 •48 •17		.10	Т					•29 •34				.05								. 06						
UM81A W8 AIRPORT R	2.82 1.80			•31	2.40		•99	.02				т	•09				Ť	T													
CORDIA K STATION NE MOUNTAIN CKER STAL CITY 1 N	1.07 .58 1.64 1.15 .28	1.11	т	.08	•72 •06 •12 •59 •27		.24	10 T	т			• 05	.26 T	•45 •02				.04 .03 .11 .14	.02					•02						т	
RA RING SOTO KTER	2.26 1.05 3.58 1.34	3.05	•03 •25		• 27	1.26 .12 .46 .07	Т	±03	•52	.03			•17	• 04					Т	•20			•11	1.13							
VIPHAN VIPHAN 2 W	• 55				•15	. 25												•02	.30	.03											
ST ENO SERTON INA	1.73	=	-	-	- 45	=	T .04	.73	-	-	F	.05	1.00	=	-	-	04	_ T	-	-	-	-   :		-	-	-	-	-	-	-	
DON DORADO SPRINGS IJAH	1.02			•93	•09		•04	,				•07																		.10	
LINGTON LSINORE SBERRY	1.09	1.26	-	-	- 88	-	-	03	-	13	-	-	-	-	-	-	-	.81 1.30	-28	-	-	-   .	-	-	-	-	-	-	-	-	
IRFAX RMINGTON	2.55			• 75	•70	•38	.10		Т					• 35				.50						.11							
RMINGTON CAA AP YETTE SK	1.67 2.16 .49			Т	•50 1•07		T	.38					.33 .68				•03	•75	Т				• 09								
RSYTH UNTAIN GROVE WILDLIFE EDERICKTOWN	1.19	-	-	- •18	- 09	- T •07	-	.72	- •24	-	-	.05	•07	- 15	-	-	- 17	- 24	-	-	-	-   .	-	-	- т	-	-	-	-	-	Ī
MONT TOWER TON 4 SW	2.43				2•40	.07	•02		.20				Т	3.0				.36	.20				1	1.68							
ENA LATIN 2 NE ALD NBY	2.08 .59 2.65 1.33	.02			.09 1.63	.11	*04 T	.39				т	•03 T •15 •69	•13		•11	⊤ •14	.04	.08												
ENVILLE 4 NNW GORY LANDING	1.80 .48 1.47	.66					.83	.55	•03			• 42	•54					.05	.17						• 25						
OVESPRING ILEY NN 18AL	.69 2.19 .94	.07	т	•04	•07	•29	.67	•22		•13			.26				1.20	.02 .09 .14	•10 •20												
NIBAL WATERWORKS RRISONVILLE CLEGREEN 2 W	.95 1.05 1.23 2.45	Т	т		•01 •40 •51 •49	.14 1.26	•12 •10	•22	•05			т	•31				*24 T	•15 •15 •43	.40												
RMITAGE USTON	•99			•04	•46			2.					•40					.15	.53												
KSON F CITY KWOS FERSON CITY POME	1.11 1.90 1.38				•02 1•26 •93		•20 •10	T	•53 •26 •10				Т					•10 •18 •10 •02	т												
PLIN CAA AP HOKA HSAS CITY WR APT R LUNIV OF K.C.	.28 1.14 .55	Т		T •09	•13	•16 •24	•03	•44 T				T T	•15 •70			•02	.34 .12	Т												T	
NFTT PADIO PROA	•9B	-	-	_	•43	_	T -	-	-15	-	-	_	-	T -	-	-	_	-	- 40 -	-	-		-	-	-	-	-	-	-	-	
ODFR NG CITY RESULLE PADIO FIRX	1.79	=	-	- •02	-	-	-	- 47	-	-	=	-	1.30	-	-	-	04	=	-	-	-	-   :	-	-	-	Ξ	-	-	-	-	
RYSVILLE CAA AP R SHYONONG BELLE	-R0			,	•05		.40	.64 .04	•15			•98	.02		.33		.04		.01	•06											
MAP MAP MPF FORFST SERVICE	.38 .14 1.00				• 38	.47		.18					T •14 •04					T •21	.10												

See reference notes following Station Index, - 120 -

Table 3-Continued	-													Day	of n	nonth																
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
LICKING & N LINKEUS ? S LOCKWOOD LOUISIANA STARKS NUR LOUISIANA	.67 1.45 1.54 2.51 2.43	.18	.18	e 38	.42 .80 .68	.08	.07	T .81 .38 .13 .07	.08 .12	•12		.19	•60 •20 •17	.24			.06 1.07 .36	.01 .10	.19					.01								
LUCERNE MACEDONIA LOOKOUT MACON MADISON MALDEN CAA AP R	2 • 24 • 63 2 • 45 2 • 17 • 42		.98		.36 .27 .18		•50 •04 T	1.27 .18 .25 T	.64				•11 •41 •40					04 •02 1•52	• O A	.23			т	.06						•07	•03	
MANSFIELD MARRIE MILL MARSHALL MARSHEIED MARYINSRURG	.37 .28 1.85 1.47 1.86	•13	•17		.86 .46 .80		.10	.37 .02	•25			т ,	7 •71 •86 •01				.13 .05	.14	.14													т
WARTVILLE  WEWPHIS  WACER 6 VM  WAILO  WIDDLETOWN 5 NE	1.21 .30 1.14 2.28 2.14		•27	.09	1.05	•06	.67 .11 .07	•22 •63 •05	.41 .24	• 05		.13	•08 •67				. 82	.03														
WILAW WORE ROUSE WORE ROUSE	1.90 3.01 .98 2.36 1.46			•03	*11 *10 *12 1*30	1.02		1.68 .62 .08	•07				.04 .53 .77 .49				1.72	•03 T	.04				.05									
NO ELLE NOUNTAIN GROVE 2 N NOUNT VERNON 3 SN NEOSNO NEOSNO	- .85 1.10 3.26 .25	- T	-	-	T T •09		T .03	.76	-	-	-	т т	- .84 1.57	T	-	-	T .47	- .77 .15	т	-	-	-	-	т	-	-	-	-	-	т	-	-
MEW MOSTON MEW FLORENCE MEW MADRIO MOVINGER 1 E DATES TOWER	1.08 1.72 .07	-	-	-	1.20 T	ī	.01	* •42 -	.37 .01 T	Ξ	-	Ξ	.71	Ξ	:	= 1	.02	.06	•07 -	ī	Ξ		Ξ	Ξ	1	=	Ξ	Ξ	_	Ξ	T	
DOESSA DREGON OSCEOLA 3 NE WENCY ILLE ZAPE	.76 1.15 .26	=	<u>-</u>	-	.40 .05 .23	:	•04 •93	*10 T -	•07 - -		=	T 	.24 T .03	ī	-	Ξ	-	*08 T -	Ξ	=	=	-	Ξ.	Ξ	-	Ξ	Ξ	:	=	=	-	-
QZARK BEACH PACIFIC PALWYRA PAP < PARMA	1.86 1.43 		-	- •06	-14	.05	-	- •51 -	- •20 •26	-	-	-	- •52 •27	•02	-	-	-11	- •05	-	-	-	-	-	-	-	-	-	-	-	-	-	T.
DERGYYILLE DIEDCE CITY DEEASANT HILL DODO DODLAR REUFF	.52 .65 .87 .99			.74	•40	•25	.02 .20	•12	.07	•04 •25		•05	•41	•11			. 12	.05 .04 T	.06					T -11	• 02							
POPTAGEVILLE  OPTHCE TON  PUT ICO  OUL N  OR YNOLDS	.43 1.37 2.39 .94			•11	•31	.80 .90	.26	.88	*24 T			.12						.36	•12 •25 •04 •25	т					• 05				т			1.05
PICHWOODS ROAY BOLLA SCHOOL OF WINES ROUND SPEING SA'NY CHARLES	1.72 1.59 1.08		т	т	•67 •62 •18	•32 •15		т	•15	.14			•18 •03	•27 •30 •19				.10	•47												T .07	
CAINT JOSEPH HR AP R SAINT LOUIS WR AP R SAINT LOUIS WR CITY R SAINT LOUIS UNIV TAINT LOUIS WASH U	.88 .86 .84 1.16	.02	т	*08 T	•18 •11 •10 •20	T .05	•52 T T	.03 .47 .25 .48	.06 .17 .29	•06		• 03	.09 .31 .29			т	•72	T T														.02
SALEN SALISBUDY SAYERTON L AND D 2 SEOALIA SELIGNAN	.63 1.41 1.67 1.30	-28	.28	• 05	.14 .24 .04 1.10	•05	.19	.27 .16	•19			т	.48 .17 .11	•35			.37	-11	.28	-				Т	T • 09							
SEYMOUR 4 MME SMELBYM SMELBYM STESTOM STRESTOM STRESTOM	.47 1.63 2.71 .92 1.22		т		.51 .31	•32	.16 1.08	.47 .48	.20 .18	т		.84	.35					.09 T	•02				т	T .02								
SILMAN SPRINGS SPRINGFIELD UP APT R STRELVILLE 2 N STREFNYILLE STOVED	T • 64 - • 94 • 91	.79			•20	Ţ	.04 1.13	•51	•16 •06			• 04	•35 - •31				.01	T •03 •34						Т						Т		.13
SULLIYAN 5 E SUMMERSYILLE SUMMER 2 SN SUEET SPRINGS TARK O	2.28 .98 1.21 1.22 3.68	•07	.60	.08 1.22	•20 •10 •84	.52	1.14	.03 .54 T	•56			T T •60	.49 .51 .21				T .06	• 65 T						.04 T		•50						•06
TEC MSEN 2 N TIDPAZ 4 NE TORNTON TROW M ON 1 SE	.64 .43 2.10 3.20 1.36	•12	.16		T .88	·18		.99	.57 .08 .25	•15 •01		•10	•15 •15				.05 .75	.65 T	•07					•28								.45 T
STONVILLE VALLEY PARY VAN BUREN VANZANY & SE	.83 1.60 .93 -	-44	•08	• 03	Ŧ	•16 •15 -	-21	•55 - •36	, 18			-	-04	.49		- 1	-	T T •20		-	-		.48 ~	- 88	-	-	-	-	-	-	-	-
WERSAILLES VICHY CAA AP WARDARELLO DAM WARRENSRUE CENT T C	1.96 .58 2.14 1.12	T	-	- 28	1.32 .33 T	-	- •12 T	•01	т	-	-	т	T .14	-	-	-	•05	- •01 •25	.08	-	-	-	-	Ţ	т	-	-	-	-	-	- 17	1.07
darring 1 q darring 10 1 darring 10 2 darring 10 2 darring 10 2	1.20 .26	-	<u>T</u>	-	•62	-14	T	-	.04 - .06	-	7	Ţ	•06	-	-	-	- 66	.52	Ţ	-	-	-	-	-	-	-	-	-	-	-	-	-
HAMMESVILLE 2 W WMSTER CONTYES WE ROGATEN WEST PLAINS WELTANSVILLE	1.42	1.20	•30	7	•96 •26	T 1.30	-40 T	.20 .65	.11				T •47 •95				* 01 T	• 05 T							•17					τ	т	
WILLIAM SPRINGS WINDSON 3 NW ZALMA 5 E	1.23				•65	•07	• 05	.06	• 05				•10					•23 •05 •10						.82								

Table 5		_					_			_						Day	0	Mont	L												AUGU	151	
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Monti	18	19	20	21	22	23	24	25	26	27	28	29	30 ;	31	Average
AOVANCE SESE	MAX	100	99	97	95 71	90	86 61	97 60	87 64	85 55	89 54	92	89	93 65	97 62	99	98 63	82 63	82	83 51	86 51	87	85 58	94	91	97 57	97	97	95	93		00	92.1
ALPANY	MAX	104		92 70	84 68	84	85 64	80 62	80 57	87 57	96 53	88 65	89		100	89	82	86 53	85		90	89	92	95 52	96	96	98	97	97		100 1		01.9
AMITY	XAM	101		89 71	92 72	86 64	92	85 63	84	87	95 64	91 68	93		105	96 63	83	87 57	87	90 54	89 57	88	92	94	94	96 67	95 65	95	96	97	97	98	92.5
ANOERSON 1 SW	MAX	96	96 65	96	94 71	93 68	91	93 67	91 58	89 51	90	98 62	94	94	98	98	95 65	84 68	83	83	88	86	88	90	89	91 53	93	98	94	92	93	95	92.0
APPLETON CITY	MAX	103	102		95 73	91 67	91 67	92 61	85 57	89		100	94		102		86 70	78 65	87	87 56	89 56	91	93 60	97 63	97		100		100		100 1		94.8
ARCA01A	MAX MIN	101	98 73	95 70	88 70	89 62	90	91 61	85	87	92	94	89	94	98	99	92	85	85 63	85	88	87	90	93	98	98	96	97	94	92		9.8	92.4
BETHANY	MAX	101	100 75	99	86 71	85 60	88	81 61	81 56	80	95 56	94 65	87 56	95 52	99 54	93	77 62	84 52	84	88 51		86 55	93 51	94 57	98 63	96 65	96 57	96 57	98 67	98 68		75	91.5
BIRCH TREE	MAX																																
BLACK 6NW	MAX MIN	99 70	98 66	96 62	91 69	88	89 65	90 58	85 57	88	91 50	90 52	89	93 60	97 59	99 56	91 61	81 64	84	84 45	85 45	87	90 50	91 56	94 58	94 57	94 57	95 55	94 55	93 52		97	91.4
BOLIVAR	MAX MIN	99 72	99 74	97 71	95 71	91 70	90 70	91 65	88 59	86 56	94 62	97 71	94	94 64	101 66	101	95 65	75 64	81	82 55	83 56	85 58	87 58	91 66	92 66	95 66	97 64	96 69	96 66	94 67		98	92.3
BOONVILLE WATERWKS	MAX	101 76	100 75	100 76	98 72	88 66	87 67	87 67	85 58	78 56	82 58	90 65	94	85 61	86 62	93 65	85 66	75 63	81	81 54	84 57	84	85 55	87 59	89 65	91 68	92 70	94	95 69	94 69		96	89.1
BROOKFIELD	MAX	103 77	104 76	101 76	88 74	89 64	92 68	90 62	82 58	86 54	96 59	92 67	93	92 59	100	96 62	87 63	86 58	84	86 56	86 58	87	90 55	96 62	95	97 69	100	96 62	99 64	101	100 1	01	93.4
BRUNSWICK	MAX MIN	100 75	100 75	100	100 75	87 66	87 69	88 63	82 59	80 55	84 61	93 66	91 66	87 61	89 62	97 64	89 64	72 63	84	84 54	84 54	86 59	86 57	90 63	92 65	93 67	95 66	96 65	95 67	97 69		98	90.5
BUTLER	MAX MIN	100 75	99 74	97 75	94 74	90 68	88 66	90 65				97 74	92 68	93 61	100	98 69	86 69	76 66	87 68	86 54	88 58	90	93 60	94 65	94 66	96 67	98 68	97 65	98 68	98 69		98	93.4
BUTLER CAA AP	MAX MIN	100 74	99 73	95 73	95 74	91 66	90 65	90 64	85 56	89 55	96 62	97 67	90 66	94 58	101 58	97 67	79 68	76 64	87 60	86 51	89 56	90	92 56	94 59	94 66	95 64	97 65	96 62	96 66	96 66		97	92.6
CAMOENTON	MAX MIN	102 72	100 72	100	98 68	92 64	92 68	93 61	89 56	89 53	95 58	98 60	94 67	95 60	101 63	99 64	93 65	80 61	86	86 52	86 55	87 55	92 55	93 61	94 64	96 65	98 62	98	99 65	96 64		99	94.1
CAMPBELL	MAX MIN																																
CANTON L ANO O 2	MAX	98 73	98 72	97 76	88 73	83 63	83 64	82 63	78 57	82 52	85 57	90 68	83 67	88 57	95 57	85 59	78 64	83 56	80 54	85 53		82 53	87 55	88 63	90 62	94 63	93 65	92 62	93 62	91 63		98	87.9 62.4
CAPE GIRAROEAU MO ST	MAX MIN	98 73	97 <b>74</b>	96 75	95 75	90 68	87 63	94 64	90 63	83 58	87 60	89 64	87 65	92 68	94 65	96 65	93 68	86 63	84	83 58	85 59	86	88 62	90 64	94	96 65	97 64	97 66	96 63	94 62		99	91.5 65.3
CAPLINGER MILLS	MAX MIN	99 72	98 70	95 72	97 73	92 68	90 69	92 61	90 56	92 52	90 52	98 70	94 72	94 60	102	102	94 68	77 65	85 66	86 49	86 51	88 55	90 53	93 60	93 63	95 63	96 62	95 64	95 69	95 64	-	97	93 • 1 63 • 1
CARROLLTON	MAX MIN	103 74	101 72	99 71	90 74	90 66	92 66	85 65	83 56	87 53	97 59	99 68	90 64	91 57	100 57	88 71	82 60	82 62	83 57	87 51	87 57	87 56	89 54	93 58	95 64	96 62	98 62	98 59	98 62	99 66	99 1	00	92.5 62.6
CARTHAGE	MAX	94 72	95 72	95 72	98 78	95 69	91 66	92 62	89 60	90 53	92 59	98 71	93 69	96 63	99 66	100 58	95 70	82 67	86 68	84 53	87 50	91 55	93 55	93 63	92 59	94 60	96 61	95 64	95 66	95 65		98	93.2 63.6
CARUTHERSVILLE	MAX MIN	94 75	94 74	93 76	95 76	88 74	87 70	92 69	90 70	83 62	86 64	89 68	91 66	90 75	94 72	96 74	98 69	95 72	83 72	83 64	85 63	86 61	87 68	87 65	97 69	93 68	94 70	95 75	94 66	92 69		97	91.0 69.6
CHARLESTON	MAX MIN	97 75	97 75	95 75	95 72	94 69		94 63	87 67	84 57	88 60	90 64	90 67	94 69	96 66	98 67	98 67	87 68	85 64	84 55	86 55	88	87 64	92 65	94 64	96 63	98 62	97 64	96 62	96 62	95 1 70	01	92.6 65.2
CHILL1COTHE RADIO KCHI	MAX MIN	99 71	99 74	95 70	87 72	85 61	89 63	89 62	80 56	84 52	93 56	92 66	87 65	88 54	96 56	93 62	84 62	83 58	81 53	88 51	82 55	83 52	87 49	88 50	93 63	94 61	96 58	95 56	95 <b>5</b> 6	95 63		9 7 6 5	90.1 59.9
CLEARWATER OAM	MAX MIN									Ì							102 61	90 60	85 55	85 50	85 47	88	88 54	94 55	93 55	95 55	98 55	98 54	96 52	95 52	94 1	01 60	
CLINTON INNW	MAX MIN	100 74	99 74	98 73	85 66	90 68	89 61	91 57	84 52	88 58	94 70	98 68	88 57	95 59	100 63	95 65	80 65	80 64	86 58	86 51	88 54	89 56	92 61	93 60	94 60	96 57	98 60	97 70	96 66	96 71			92.3 63.0
COLUMBIA W8 AIRPORT	MAX MIN	101 76	99 75	99 73	89 71	87 66	90 69	87 65	81 59	83 55	90 63	93 66	86 67	89 63	96 62	87 66	74 65	81 64	80 58	83 53	84 57	85 61	88 57	90 64	93 69	95 68	96 67	97 70	96 71	98 68		99 72	90.1 65.5
CONCEPTION	MAX	101 77	101 77	95 73	90 70	87 63	87 60	86 62	86 56	92	94 63	94 66	87 57	92 62	90 68	90 60	62	90 56	89 56	87 58	87 57	87 56	88 58	93 57	94 66	96 65	96 66	96 66	95 67	97 70		98 70	92.0 63.9
CRYSTAL CITY IN	MAX MIN	102 72	102 70	103 71	95 72	88 64	84 61	90 60	82 57	83 52	89 54	96 57	94 66	90 61	95 58	Ì	92 59	84 64	83 63	83 46	84 48	87 55	93 51	94 56	96 58	98 57	97 57	98 55	98 59	98 53		65	92.4 59.6
OON I PHAN	MAX	100 70	101 70		98 72	97 68	92 70	101 72	91 67	92 54	95 54		97 62		102 67		104 63		87 61	89 52		91	92 60	95 58	98 59		100 61			94 64	96 16 65		96.3 63.1
EOGERTON	MAX																					ļ											
ELOON	MAX MIN	101 75	99 76	99 74	94 72	92 65	92 69	95 66	90 63	89 54	95 60	97 66	95 70		103 65		89 68		85 66	89 54	88 56	90 57	92 56	94 63	95 66	97 66	98 65		98 68	98 65			94.3 65.1
ELSAERRY	MAX	101 69	101 68	99 72	96 69	91 71	91 71	90 65	84 56	80 52	81 53	85 58	90 63	85 55	90 73	93 63	93 60	70 60	80 50	79 49	83 49	81 56	82 48	90 55	85 55	91 57	93 60	94 55	95 56	95 52			88.9 59.8
FARMINGTON	MAX . MIN	100 72	100	98 72	87 71	89 64	87 65	95 61	80 59	87 56	92 54	94 58	86 65	92 63	98 60	98 62	87 63	78 62	63	84 51	85 52	87 54	90 55	91 59	95 59	96 58	98 59	97 58	97 57	97 55	98 16 67 6	00 66	91.8 61.0
FARMINGTON CAA AP	MAX		98 73	96 73		87 65	86 65	93 61	79 60	85 57	91 54		83 67	91 63	96 60	97 60	86 63	79 64	82 59	81 49	85 50	85 57	88 54	90 59	92 60	94 57		96 57	96 57		95 6 68 6	5 5	90.3 61.0
FAYETTE	MAX MIN	100 74	98 73	96 75		88 65	90 67	86 62		87 54	91 59	91 64	85 67	87 59	94 61	86 65	79 64	82 62	80 57	84 52		85	88 57	92 61	93 66	94 63	96 63	96 62	96 64	97 66			89.8 63.3
FOUNTAIN GROVE WILOLIFE	MAX		99 74	96 72	88 73	87 63	89 66	87 62	80 57	B4 52	92 57	93 64	90 63	88 56	100 55	95 63	86 64	84 58	83 53	86 53		51	89 49	88 53	90 63	91 58	94 55	94 57	95	96		5.6	90.5
FULTON 45W	MAX	103 73	103 73	101 75	98 70	90 66	89 67	88 64	89 57	80 54	86 59		95 67	89 63	92 62	100 65	90 66		78 53	86 56		85 58	87 56	92 63	94 67	95 65	96 68	98 67	<b>99</b> 65				91.9

able 5-Continued											11.1		لظ	VII .	Ľ11	- I	01	رظ ۱												_	AUGUS	_	
Station		L.,														Day	Oí	Mont	h								<del>-</del> -					_	erage
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 3	1 .	¥ .
ANT CITY	MAX	104 75	103 75	94 72	86 69	83 62	87 60	80 59	80 56	85 55	93 64	88 63	86 57	92 60	95 62	87 60	82 61	86 56	85 55	86 55	91 55	89 55	88 56	94 56	95 66	96 66	95 65	94 66	97 64	98 68	99 9 71 7		90.8
FERVILLE 4 NNM	MAX	102 71	100	97 69	91 73	95 64	90 69	100	93 65	90 53	93 54	95 55	90	98 65	102 62	104	100	87 63	86 62	82 51	87 48	90	90 57	93 58	95 60	97 58	98 58	99 57	98 56	95 54	95 10 66 6		94.6
NN IBAL MATERWORKS	MAX	98 73	97 72	97 72	92 71	86 61	84 60	80 61	77 58	82 55	89 58	92 64	85 66	88 62	93 62	88 62	71 60	81 60	80 56	84 59	83 59	82 59	88 59	87 64	93 65	96 68	96 72	97	97 72	97 68	95 10 73 7		98.9
RRISONVILLE	MAX	101	100 73	96 72	95 73	89 66	91 63	91 65	80 55	88 57	95 63	98 69	91 64	94 63	102	95 67	85 65	80 62	85 63	86 57	89 59	89 59	92 57	94 58	94 65	95 66	97	95 65	97 59	97 68	97 9 73 6		92 • 8
RMITAGE	MAX	100	99 66	98 65	95 71	90 63	92 67	93 55	86 51	89 47	94 57	9 <b>7</b> 67	95 67	99 55	103	103	92 64	77 61	87	89 45		91 51	93 47	93 55	94 53	95 54	97 56	96 58	96 56	96 56	97 9 66 6		94.0
USTON	MAX	97 73	97 71	95 73	90 72	90 66	89 70	95 60	87 59	89 51	92 51	93 67	87 64	99 64	102	95 70	81 65	82 68	85 61	85 61	83 55	88 51	89 51	90 59	92 60	95 57	93 60	94 58	95 58	91 58	97 9 64 6		91 • 4 51 • 9
CKSON	MAX	103	99 74	97	93 78	95 67	91	97 61	88 63	88 58	92 57	93 60	90	97 67	100	103	95 64	87 65	8.8 66	89 55	<b>-90</b> 53	92 55	87 59	92 63	97 61	100	100	99 60	99 1 59	58	95 10 70 6		94.8 53.2
FF CITY KMOS	MAX MIN	102	101 75	99 76	93 71	88 65	90 67	88 64	79 60	84 53	92 58	95 65	89 69	91 59	100	90 66	84 68	81 62	83	85 49	86 51	86 55	91 51	93 59	94 67	97 60	97 62	98 62	98 63	98 61	98 9 71 6		91.9 63.2
PLIN CAA AP	MAX MIN	98 76	97 75	98 75	100 75	85 71	91 67	93 68	84 63	90 57	92 67	98 73	89 70	95 65	99 71	99 64	8? 72	87 68	84 67	84 57	86 58	89 63	90 62	92 69	91 67	93 65	94 68	93 69	94 72	95 71	92 9 71 6		91.9 67.9
NSAS CITY WR APT	MAX MIN	100	100	93 79	90 76	88 70	88 65	83 67	82 62	89	96 69	94 74	89 65	92 62	100	88 69	74 65	81 65	82 61	85 58	85 63	87 64	88 62	94 64	94 74	94 73	96 75	95 69	96 76	97 76	97 9 78 7		90.8 69.2
C UNIV OF K C	MAX	101	101 76	92 75	98 75	89 67	90 64	88 69	82 58	89 56	96 65	97 72	90 69	94 58	103	98 68	. 75 64	88 63	85 60	85 55	88 58	88	89 62	94 59	94	94 63	97 63	96 62	97 67	98 72	98 9 75 7		92 • 7 65 • 4
WETT RADIO KAOA	MAX	99 74	98 73	97 73	100 73	91 73	91 69	95 67	93 70	86 59	92 59	94 62	95 64	94 72	98 69	102	103	96 70	86 62	84 58		91 57	89 64	92 62	96 63	97 63	100	98 72	98 60	94 68	96 10 71 6		94.6 66.3
00E 8	MAX																																
RKSVILLE RADIO KIRX	MAX MIN	100 76	100 77	95 75	84 72	88 61	89 63	85 62	80 56	85 52	90 58	91 65	86 63	87 58	97 57	93 59	78 59	85 62	83 53	87 54	83 55	83 51	87 50	90 57	94 63	93 63	95 69	96 66	97 70	97 69	96 9 68 7		90 • 1 62 • 4
RKSVILLE CAA AP	MAX	99	99 73	95 74	85 65	88	87	80 59	80 56	83 53	90 58	90 65	86 64	88 61	95 60	85 59	71 59	83 56	87 54	86 55	84 55	84	87 56	90 58	93	93 63	94 65	96 61	95 64	96 67	96 9 68 6		88.9 61.8
ISHKONONG	MAX	100	98 72	98 73	98 76	88 69	92 69	97 65	97 67	90	91 58	91 62	91 69	96 71	96 68	100	100	91 67	82 62	85 58	85 57	88 59	88 63	86 63	93 65	93 66	91 68	93 70	95 65	95 68	93 9 69 7		92 • 7 66 • 5
KES10E	MAX	101	101	100	98 73	93 64	91 67	93 60	94 62	83 51	90 54	94 62	97 66	91 59	96 59	101 59	94 67	78 65	81 65	85 48	86 50	86 52	88 51	93 53	93 59	94 58	94 58	97 60	96 60	97 61			92 • 8 60 • 7
IMA R	MAX MIN		99 72	98 72		100	87 69	92. 62	93 56	85 54	90 62	95 65	99	90 65	95 65	100	100	80 65	78 66	85 56	85 53	85 55	89 60	90 62	92 63	92 64	94 63	96 67	96 68	97 68	95 9 68 6		92•6 64•4
THROP 3SW	MAX																																
FRANCH 1 ENE	MAX	100	99 72	92 70	91 70	88 66	90 69	89 63	82 55	85 52	90 52	92 65	88	94 61	100	98 60	88 71	7 <b>7</b> 63	82 61	81 49	83 49	85 54	90 54	91 62	91 62	94 61	95 61	96 67	93 62	91 61			90 a 6 62 a 4
XINGTON	MAX MIN	102 76	103	101 76	95 75	91 67	92 67	91 68	85 58	84 58	90 65	97 71	97 64	90 60	93 62	100 <sup>-</sup>	88 63	73 63	85 59	85 57	88 62	88	90 60	90 63	97	95 69	96 68	99 70	97 70	98 73			92.9 66.6
CRING AN	MAX	99 75	97 77	97 77	93 77	88 70	85 69	90 61	89 60	79 60	90 58	91 64	90	88 67	93 65	97 58	99 71	85 62	78 61	85 60	85 57	88	89 60	92 61	90 60	91 65	92 59	94 65	93 58	94 67			90 • 6 65 • 0
OCK #000	MAX	99 73	100 73	97 72	99 73	87 70	89 69	93 66	85 58	90	95 68	99 72	93 68	95 63	100	102	97 69	76 67	84 68	83 53	85 53	89	91 58	93 67	94 65	95 63	96 62	96 68	96 68	97 67			93 • 3 65 • 5
DUISIANA STARKS N	MAX	97 70	99 72	97 74	90 73	87 66	86 63	86 64	<b>79</b> 59	86 52	89 53	92 61	87 68	91 54	99 55	93 61	87 62	83 52	80 54	86 50	85 52	85 50	91 50	92 57	93 58	97 60	96 63	98 58	97 63	99 58	95 10 71 7	0	91.0 60.5
ACON	MAX	101 76	100	98 75	95 72	86 62	86 63	88	<b>79</b> 55	80 54	83 58	91 60	92 64	85 59	87 58	96 59	85 61	72 54	83 52	81 54	86 53	83 54	83 53	87 59	91 62	92 63	95 67	96 63	96 67	96 71	- 1		89.3 62.0
ALOEN CAA AP	MAX	98 72	98 72	96 73	96 73	92 71	88	95 66	87 65	86 58	90 60	92 61	93 65	94 70	99 67	100	101	85 70	84 63	85 57	87 54	89	86 65	92 64	95 63	97 64	97 65	96 69	96 60	92 64	94 10		92 a 9 65 a 5
SPACE HILL	MAX		99			93 64			95 62			95 54	90 59	98 64	102	103	97 61	87 65	85 60	87	88 47	90		93 57							94 10 65 6		94.6 59.2
ARSHALL	MAX		101 75	97 75		88 66	89 69		83 56			94 68				95 65		85 63			88 56	84 56	90 55		95 62		98 64				98 10 72 7		92 • 3 64 • 4
ARSHF TELD	MAX MIN		98 70		93	92 66	92 67	93 61	89 56	88 53	91 62	94 67	91		97 66			78 63	82 61	82 54	84 56	85 56	89 59		90 61	93 62		94 67	93 64		96 9 67 6		91.7 63.6
ARYVILLE	MAX MIN	102 75	100	86 72	85 69		86 60	80 61	80 56	85 60		88 64				86 62	79 61		84 57	85 57	86 55	85		92 59	94 65	94 63		95 63	95 62		97 9		89.5 62.3
EMPH1S	MAX MIN			100 75		85 62	88 64		85 57	i		91 64	93 65	92	90	102 58		85	91 56		92 57		88 56	91 62	95 65	94 65		97 65	98 66	98 68	99 10		92.7 62.8
EXICO	MAX	102 75	102	100	99 73	90 64		88 65	84 57	80 52	80 58	91 62	92 67	85 58	89 60	96 63		74 62			87 54			92 60		94 66	97 70				101 9		91.0 63.6
DREPLY RADIO KNCH	MAX MIN			96 75		91 65			79 56			91 66				90 63			8? 55		82 55		86 54	89 59	91 63	93		95 65	95 64	95 67	96 9		89.9 63.3
DMETT	MA X M I N			96 73	97	100		91	93 61		90 66	93 70		90	94	90°	85		85 66	87	86 57	88	88 61		90 58	91	92		92 61	93 63		94	91 • 2 65 • 2
DUNTAIN GROVE 2N	MAX	99	97	94	93		89	93	91 60	88 53	90	92 62	91	93	100	101	97	87 65	85 61	85	87 53	87	89 55	89 64	90 62	93	94	93 65	93 62	89	96 9	96	92.0 63.9
OUNT YERNON 35M	MAX	98	97	97	102	96 70	91	96	89	89	92	98 71	92	93	99	100	94	82 67			85 50		90 52	90 64	90 57	93		94	95 63	93 64			92.7 63.5
EOSHO	MAX	96	97		98	97	93	93	92 63	91	91	98	96	95	98	100	97		85	85 54	85		90 51		90	92 56	93	93 57	94	93	94 9	95	92.9 61.5
EVACA	MAX MIN	100	100	100 73	99	96	93		87	91	96	100	95	98	103	104		79 65	89 67	98 55	88 61			91 64			97 63				99 9		
E* FLORFNCE	MAX	102	99	97	91	85	82	84 62	78	84	90	92	90	90	97	90	83	82	80	83	83	85	91	91	94	97	97	98	96	97	94 10	00	90-4
	1	1						1									I			1													

STEEL STEEL	Table 5-Continued																Day	Oí	Monti	h												700	7	1953
CALLEY SELECTION	Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
PRINCETON  ONLY  O	OPEGON																																	89. 65.
DELLA MILLEY  VAX. 100 07 07 10 10 10 10 10 10 10 10 10 10 10 10 10	OZARK REACH																																	
SALT CLOURS MATERIAL TO 3 1 70 70 70 70 70 70 70 70 70 70 70 70 70	PEPRYVILLE																					84 52										94 68		92.
PRINCETON PRINCE	PORLAR BLUFF																		70															93.
THE TOTAL MATERIAL MA	RORTAGEVILLE																																	92.5
MIN 10 10 10 10 10 10 10 10 10 10 10 10 10	PRINCETON																																	91.6
MIN 8 77 79 70 00 00 00 00 00 00 00 00 00 00 00 00	ROLLA MO SCH MINES																																	93.0
MATH LOUIS WA SHY LOUIS WAS HELD WAS ALTHOUGH SHY LOUIS WAS ALTHOUGH SHY LOUIS WAS HELD WAS ALTHOUGH SHY LOUIS WAS HELD WAS ALTHOUGH SHY LOUIS WAS ALTHOU	SAINT CHARLES																																	92.4
SAINT LOUIS WE APT   MAX   20   100	SAINT JOSERH W8 APT																																	89.0
SANT LOUIS WE CLITY  WAX 10, 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SAINT LOUIS WE APT																																100	90. 66.
MIN 10 10 10 10 10 10 10 10 10 10 10 10 10	SAINT LOUIS WA CITY																																	89.
SALEM  MAY  17 10 10 10 10 10 10 10 10 10 10 10 10 10	SAINT LOUIS UNIV																																	89.5
SALEMA NAME NAME NAME NAME NAME NAME NAME N	SAINT LOUIS WASH U														88					85 61					92	97						99	91	90.8
SEMINOFIELD MA APP 1 70 73 76 76 06 70 75 75 76 76 70 70 70 70 70 70 70 70 70 70 70 70 70	SALEM		100 72	100																														91.4
SCALIDA  MAX  107  107  108  108  108  108  108  108	SAL I SBUPY																																	92 • 0
SCALIA  MAX  MAX  MAX  MAX  MAX  MAX  MAX  M	SAVERTON L ANO 0 22					91 75																												89.1
SELIGIAN    MAX	SEOALIA																																	92.4
SEMOUP ANNE  MIN  97  00  00  00  00  00  00  00  00  00	SELIGMAN				94 69																													88.9
SIKESTON  MIN   71   72   77   73   61   63   63   63   63   63   63   6	SEYMOUP 4NNE																																	92.0
SIRESTON CROR EXP FARM MAX 97 06 07 07 08 08 07 07 08 08 08 08 08 08 08 08 08 08 08 08 08	SHELBINA																																	90 • 9
SRINGFIELO WA APT  MIN 71 72 73 70 70 64 64 57 58 59 61 62 65 67 68 68 03 55 56 54 62 62 64 62 61 64 59 68 10 68 68 18 88 18 68 18 18 18 18 18 18 18 18 18 18 18 18 18	SIKESTON																	100					89	91	86	94	96	98		99	98	96	97	93.8
STEFFENVILLE  MAX 98 98 99 99 90 77 78 78 79 78 79 78 79 78 78 78 78 78 79 84 89 90 85 88 96 90 88 84 88 98 98 88 88 88 88 88 88 88 88 88 88	SIKESTON CROR EXP FARM		97 71																															/ 92.0
SMET SPRINGS  MAX  104  06  07  07  17  17  17  17  18  07  07  17  18  08  07  07  08  08  08  08  08  08  0	SRRINGFIELO WA APT																																	90 • 1
TARKIO  MAX 101 98 83 85 82 87 84 80 85 82 87 84 80 85 82 87 84 80 85 82 87 84 80 85 82 87 84 80 85 82 87 84 80 85 82 87 84 80 85 82 87 84 80 85 82 87 84 80 85 82 87 84 80 85 82 87 84 80 85 82 87 84 80 85 82 87 84 80 85 82 87 84 80 85 82 87 84 80 85 82 87 84 80 85 82 80 81 91 90 82 85 82 87 85 80 83 87 85 82 87 85 82 87 85 80 83 87 85 82 87 85 80 83 87 85 82 87 85 80 83 87 85 82 87 85 80 83 87 85 82 87 85	STEFFENVILLE			98 74							84 53				88 57																			90.0
TARKIO  MAX  101 09 83 85 82 87 84 80 86 80 85 87 55 55 55 55 56 62 62 62 58 66 71 68 87 91 91 85 81 84 83 86 86 85 87 87 90 92 83 66 68 87 168 87 91 91 91 85 87 87 88 80 88 88 88 88 88 88 88 88 88 88 88	SWEET SPRINGS																																	93.2
TPENTON  MAX  98  99  90  88  88  88  89  90  88  88	TARKIO			99								90																						88.8
UNIONVILLE  MAX MAX MIN MAX MI	TPENTON											91					93																	90.0
UNIONVILLE  MAX MIN  VERSAILLES  MAX MIN  VERSAILLES  MAX MIN  VERSAILLES  MAX MIN  MAX MIN  VERSAILLES  MAX MIN  MAX MI	UNION 1 SE																																	91.9
VICHY CAA AP  MAX MIN  VICHY CAA AP  MAX MIN  MA	UNIONVILLE								80		83		87 67	85	90		85	83	82	83		84 57	84											88.7 62.0
VICHY CAA AP  MAX 102 98 97 01 85 89 89 78 32 91 94 85 89 86 62 65 67 63 68 63 65 62 95 56 65 95 96 63 77 16 96 77 72 65 71 70 66 67 65 57 56 62 65 67 63 68 63 65 62 95 55 65 95 96 63 77 16 96 77 72 65 71 74 88 87 88 87 88 87 88 87 88 87 88 87 88 87 97 87 87 88 87 88 87 88 87 88 87 97 87 87 88 87 88 88 87 88 87 97 87 88 88 89 90 91 91 95 100 102 100 88 88 88 87 88 87 97 88 88 89 87 97 88 88 89 90 91 91 95 100 102 100 88 88 88 87 88 87 97 88 88 89 87 97 88 88 89 90 91 91 95 100 102 100 88 88 88 87 88 87 97 88 88 89 87 97 98 98 97 98 98 97 98 98 97 98 98 99 98 99 100 98 98 99 98 99 100 98 99 100 98 99 100 98 99 100 98 88 88 88 89 97 97 97 94 98 100 99 10	VANOALIA																																	
VICHY CAA AP  MAX 102 98 97 91 85 89 89 78 32 91 94 85 89 96 90 78 78 78 86 89 66 97 65 55 56 59 59 63 77 71 69 67 72 65 71 74 98 87 87 87 87 87 87 87 87 87 87 87 87 87	VERSAILLES																																	
MARPAPELLO DAM  MAX 100 100 98 75 96 93 87 97 87 86 90 92 91 95 100 102 100 82 84 85 87 87 96 96 97 96 93 68 67 68 61 62 62 68 70 69 69 70 67 61 60 59 61 66 60 64 63 66 67 63 63 68 69 69 69 69 70 67 61 60 59 61 66 60 64 63 66 67 63 63 68 69 69 69 69 70 67 61 60 59 61 66 60 64 63 66 67 63 63 68 69 69 69 69 70 67 61 60 59 61 66 60 64 63 66 67 63 63 68 69 69 69 69 69 69 69 69 69 69 69 69 69	VICHY CAA AP	MAX								78 57	32 56	91 62																						89 • 8 • 65 • 5
MAPPENSAUPG C T C  MAX 103 101 100 94 89 90 88 83 89 97 97 97 94 93 100 95 85 85 83 85 62 62 60 59 65 70 77 72 73 76 77 76 74 69 68 67 59 60 67 68 67 69 66 67 67 65 62 60 59 65 70 77 72 73 76 77 76 74 69 68 67 69 68 67 69 68 67 69 68 67 69 68 67 69 68 67 69 68 67 69 68 67 69 68 67 69 68 67 69 68 67 69 68 67 69 68 67 67 67 67 67 67 67 67 67 67 67 67 67	WARPAPELLO OAM	MAX		100	98	95	96	93	87	97	87	86	90	92	91	95	100	102	100 .	82	84	85	87	89	87	97	94	96	98	97	96	93	90	92.9
MARRENTON IN  MAX	WAPPENSAUPG C T C	MAX		101	100	94	89	90	88		89	97	97		93	100	95	85	83	85		88	89	92	95	96	97	99				99		93.6
WARSAW NO 1  MAX MIN  WASOLA  MAX 99 100 96 91 88 97 97 85 90 92 95 95 95 101 103 92 87 85 85 87 89 90 91 92 92 94 94 97 05 97 100 06 67 72 65 64 55 57 57 58 61 60 67 62 64 61 64 65 68 68 68 70 66 67 72 65 64 55 57 57 58 61 60 67 62 64 61 64 65 68 68 68 68 68 68 68 68 68 68 68 68 68	WARRENTON IN				l												97	88	82	80	83 53	83	85	- 89	91	95			99	99	101	96	100	92 · 1 63 · 5
MASOLA MAX 99 100 96 91 88 97 97 85 90 92 95 95 95 101 103 97 85 86 68 70 66 67 72 65 64 55 57 57 58 61 60 67 62 64 61 64 65 68 68 68 68 68 68 68 68 68 68 68 68 68	WARSAW NO 1																																	
MAY NESVILLE 2W MAY 101 99 97 92 86 90 90 86 85 92 94 89 92 101 98 88 81 85 85 86 89 92 97 97 95 95 96 93 98 99	WASOLA	MAX																																92.9
	MAYNESVILLE 2W					92											ļ		81						97	92			- }				99	92 • 0
WERSTER GPOVF, MAX 99 99 96 90 85 83 84 78 87 87 91 87 90 95 90 84 85 82 85 84 85 90 91 93 95 96 89 100 8	WERSTER GPOVES	MAX	99	99	96	90	85	83	84	78	82	87	91	87	90	95	90	84	85	82	85	84	85	90	91	93						89	100	

See reference noise following Station Index.

## DAILY TEMPERATURES

															I	Day	Of	Mon	th														age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
EINGARTEN	MAX MIN	10 3 75	101 75	96 75	91 73	88 64	88 65	93 64	<b>79</b>	81 56	90 60	92 64	86 65		96 64	95 65		83 62	85 63	84 53	85 54	88 57	91	92 62	92 62		98 66	99 67		97 65			91.
EST PLAINS	MAX	100 71	97 70	94 71	88 73	90 69	92 65	98 61	87 61	89 55	92 55	94 58	91 68					82 67	85 63	85 55	88 52	90 53		92 60	92 60	94 60	96 58	97 62	96 58	89 63	95 65		92 o
ILLOW SPRINGS	MAX	98 69	97 65	100		90 67	91 69	96 60	89 61	.52 .52	91 53	93 57	87 71				102 65	85 65	82 64	83 55	85 48	87 51	87 52	88 59	89 59		93 57	93 59		89 59	96 63		91. 61.
TNDSOR 3NW	MAX	100	100	98 74	92 72	91 67	90 68	91 65	85 58	89 58	95 58	98 58	91 66		101 67	93 66	82	80 64	86 65	89 56	87 62	89 58		94 65	94 65		97 67	96 67		97 68	97 68	98 72	92.

## FVAPORATION AND WIND

Table 6									<u> </u>	<u> </u>	<u></u>	ונה	.11			77.41		** 1															
																1	Day o	f mo	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
Columbia WB Airport	MIN MYX MIND EAVL		32 99	31 95	69 89	30 92	53 90	37 88	76 79	17 90	54 92	59 91	49 89	24 92	37 94	53 87	72 78	70 80	62	30 87	29	52 85	36 89	33 91	28 92	32 92	21 92	20 92	25 92	32 93	27 93	98	1256 90.3
Lakeside	EVAP													.23							.27		.23 31		.25 23	.22 28	.26 21			.34 31	.28 40	.28 27	8.23 1070
Saint Louis Washington U.	EVAP								.32 24	.03	.26	.11	.20	.26	.21	.20	.16 28	.21 36	.22	.15 20	.19	.22	.31	.08 12			.33	.23	.25	.16	.26	19 11	6.48 612

HAX and MIN in Table 6 refer to extremes of temperature of water in pan as recorded during the 24 hours ending at time of observation.

## DAILY SOIL TEMPERATURES

																	Day	of mo	onth															age
DEPTH	Station	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
															•																			
													(	ONCE	PTIC	N																		
		-				,						-								,	_		,	,	,		,		,				, ,	
1 INCH		6РМ	96	91	86	87	84	80	76	76	79	82	.74	78	82	78	78	78	80	82	79	82	80	82	85	87	89	90	88	88	91	92	92	83.6
3 INCHES		6РМ	91	89	82	83	81	79	76	75	78	80	74	75	78	77	77	76	77	78	75	76	77	78	80.	80	80	82	80	81	84	85	85	79.6
6 INCHES		6РМ	83	83	80	80	79	76	75	74	75	76	74	73	74	75	75	75	74	74	73	73	73	74	75	75	75	77	76	76	77	78	79	76.0
12 INCHES		6РМ	79	80	79	78	78	75	75	74	74	73	74	73	73	74	74	74	73	73	73	72	73	73	73	74	74	74	74	74	75	75	76	74.6
24 INCHES		6РМ	75	75	76	76	75	75	74	73	74	73	73	73	73	72	72	74	73	72	72	72	72	72	72	72	72	72	72	72	72	73	73	73.1
48 INCHES		6РМ	69	69	69	69	70	70	69	69	70	70	70	70	70	70	70	70	68	69	68	69	69	69	69	69	69	.69	69	69	69	69	69	69.3
72 14CHE5		6РМ	65	65	65	65	65	65	65	66	66-	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	65.8

## SIKESTON CROP EXP. FARM

1	INCH	6РМ	106	100	98	81	90	91	94	84	90	95	91	94	96	96	101	95	87	89	87	88	94	85	84	94	96	92	96	95	92	95	96	92.6
3	INCHE5	6РМ	104	101	99	84	92	91	96	88	92	95	93	93	97	98	102	97	89	88	89	90	93	86	89	94	95	94	96	95	91	95	95	93.6
6	INCHE5	6РМ	98	99	96	86	90	88	93	87	89	91	90	89	93	95	96	95	88	85	87	87	88	83	88	90	91	91	92	92	90	91	93	90.7
12	2 INCHES	6РМ	89	90	90	87	85	83	85	84	82	83	84	83	85	87	97	87	84	81	81	81	81	80	82	83	84	85	85	85	84	85	86	84.8
, 24	1 INCHES	6РМ	83	83	83	83	82	81	80	80	80	79	79	79	80	80	81	81	81	80	79	79	79	78	78	78	79	79	80	80	80	80	81	80.2
48	8 INCHES	6РМ	77	77	77	77	77	77	77	77	77	77	76	76	76	76	76	76	76	77	77	76	76	76	76	76	76	76	76	76	76	77	77	76.5
72	2 INCHES	6РМ	72	72	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	73	74	74	73.0

# STATION INDEX

			_				01		,		, ,								101			1880UE
Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	on	Re t tab	0		Station	Index No.	County	Drainage;	Latitude	Longitude	Levation	Temp duel	ion	Ref to tabl	
Advance 5 E9E Albany Alton 6 EME Amity Ameterdam	0051 0127 0143	Stoddard Gentry Dregon DeKalh Batee ,	1 4	37 06 40 15 36 42 39 52 39 21	89 50 94 20 81 17 94 26 84 35	355 872 - 1820	5P 9P 6P	5P Mello Moroni 6P William J. Butler 7A Loyd E. Slack 7A D. M. Colhour MID 6. A. Kerehner	2 3 5 2 3 6 3 2 3 8	c c	П	La Helle Lakeride Lauar Laupe Yoreet Service Lampe 4 MME	4694 4705 4727	Lewie Millwr Sartoe Stoee Stoee	8 3 M 3 12 3	D 07 19 12 17 30 18 34 16 38	\$1 55 92 37 94 18 93 28 93 24	595 880	7A	SA Jamee M. Ylehback 7A C. S. Frame 7A Marie Haee 7A Orley P. Scott MID Mrc. A. O. Rogere	3 2 3 5 2 3 5 3	u c
Andereon 1 8M Annapolle 7 SW Appleton City Arcadia Aehton 1 M	0178 0204 0224	McDonald fron St. Clair iron Clark	9	36 58 37 20 38 12 37 35 40 27	84 27 90 47 94 02 90 37 91 48	1000 - 800 828 -	7P 8P 5P	7A K. M. Chamberlain 7A Dpai G. Rutter 6P F. Paul Eye 7A Arcadia College MID Glen A. Moodruff	2 3 8 3 2 3 6 2 3 5	c	Н	Lathrop 3 8W Lehanon 1 EME Leeper Leee Gummit 1 N Lexicuton	4825 4844 4546	Clietoe Laclede Wayne Jacksoe Lafayette	9 3	9 51 7 41 7 04 M 58 9 11	94 23 92 39 90 42 94 23 93 53	1D80 1240 - SH8		6P Cecil Y. Raye 7A Brodie D. Bareett 7A CLOSED MID Beejane F. Smith 7A William S. Cullon	2 3 5 2 3 5 4/30/5 2 3 5	3 C
Auxvaéee Ava Ranger Statlon Bedford 1 8 Belleview Bernie	0365 0505 0539 0595	Callaway Douglaa Llvingeton lron Stoddard	12 4 5	59 00 36 57 39 41 37 41 59 40	93 23 80 41 89 58	1060		7P C. H. Book 8A U.S. Forest Service MID Harry S. Stephene 7A Beulah M. Alexandur 7A Earold R. Summere	3 3	c	i	Licking 4 H Linneue 3 B Livonia Lockwood Louisiana Starks Nur.	4978 5014 5027 5095	Pike	4 3 4 9 6 3		91 64 93 12 92 42 93 57 91 05	1277 M35 1D76 489	6P	7A Robert D. Damson 6P Merle Wade MfD Mrs. 1cei M. Tade 7A Hubert A. Miemae 6P Stark Bros. Murewry	2 3 5 2 3 5 2 3 5	ccc
Sethany Birch Tree Slack 6 MW Sloomfield Solivar	0669 0695 0735 0799	Sarrigon Shannon 1ron Stoddard Polk	10	40 18 36 59 37 37 39 53 37 37	84° 02 91 30 90 59 89 59 93 35	816 1000 1000 440 1071	5P	7A Carl W. Slaughter 7A Mildred E. Catlett 7P Dtto Gommin 7A George E. Long 5P 8W Saptiet College	2 3 5 2 3 5 2 3 5 3 2 3 5	7 C		Louielana Lucerne Macedonia Lookout Macon Madieon	5164 5175 5183	Putnam Hipley Macon Honroe	1 5 2 5 5	8 27 10 27 16 45 19 45 18 28	81 04 83 18 90 54 82 28 92 12	875		7A George A. Gareer \$A D. A. Sroweing 6P Roy C. Robinett 7A Johe W. Atwell 8A Eeos Wood	3 3 2 3 5 5	€ 7 €
Boonville Mater Morke Sowling Green Sradleyville Brookfield Srunewick	0956 0978 0990 1037	Cooper Pike Taney Linn Chariton	9 12 4 4	38 58 39 21 36 47 38 47 39 29	93 05 85 08	650 - 787 652	7A 5P 7A	7A 800nville Mater Dep 8A Virgil Cook 7A Elmer A. Ruhhard 5P G. F. Breen 7A D. K. Senecke	3 3 2 5 5 2 5 5			Maldwn CAA AP Manefield Marhe Blil Marehall Marehfield	5227 5253 5298 5307	Dunklin Wright Sollinger Baline Webster	12 3 6 5 7 12 3	18 36 17 06 17 18 18 07 17 20	88 58 92 35 99 58 93 11 92 84	297 - 552 775 1484	6P 5P	MfD U.S. Civil Aero Adm 7A Benry D. Brows 7A Bryae A. Williams 5P Municipal Utilities 5P Sho-Me Powar Co.	2 5 5	7 C
Suffalo Bunker Burlington Junction Butler Sutler CAA AP	1101 1141 1145 1147	Dalles Reynolds Nodaway Bates Bates	7 9 8	37 39 37 27 40 26 38 16 38 18	94 20 94 30		) }	9A L. 8. Howerton 7A C. D. Highley 7A Ralph B. Fuller 5P Harley M. Johnson MID D.S. Civil Aero Ada		7		Martinehurg Maryville Maryville 7 MNH McCredle 2 W McCredle Exp. Station	5540 5345 5410 5415	Audrain Wodaway Modaway Callaway Callaway	7 4 7 3 7 3 7 3	8 57	91 39 94 52 94 53 91 58 81 54	=	1	MID Earl W. Trushlood MID Lelie S. Cralm MID U.S. Soll Concerv.	2 3 5	ccc
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Cape Girardeau Caplinger Wills Carroliton Carthage Caruthersville	1304 1340 1356 1384	C Girardeau Cedar Carroll Janper Pemlecot	9 7 11 6	37 18 37 48 59 22 57 11 58 11	89 32 93 49 93 30 84 17 89 40	754 882 265	6P 6P 6P 5P	7A Lee L. Albert 6P S. E. Price 6P Sarold E. Yinley 7A Phil 8. Davle 7A Victor T. Malloure	2 3 5 2 3 5 2 3 5 2 3 5 2 3 5			Miller 2 8E Moberly Radio ENCH Monett Monroe City Mora	5700 5708 5754	Lawrence Randolph Sarry Monroe Senton	6 8 6 7 8	8 32	93 49 92 26 93 55 81 44 95 13	1280 850 1310 -	6P 6A	MID William A. Garoutte 6P Radio Stn. KECH 8A Kenneth G. Meneer 88 J. S. Conway MID Emma M. Meyer	3 5 5 2 3 5 3	c
Cannville Hanger St. Centerville Centerville Ranger Sta. Centralia Chadwick	1467 1472 1482 1490	Sarry Reynolds Reynolds Soone Christian	1 1 6 12	56 41 37 26 37 26 59 12 56 56	93 52 90 57 90 57 92 08 83 03			7A Ylorence A. Karow 7A Corda Jane Harrinos 8A U.S. Forest Service 8A Earl E. Seymour 7A Sylvia Fletcher	3 3	С		Morehouse Moselle Mountain Grove 2 N Mount Vernon 3 SW Meosho	5816 5834 5861 5876	Mew Madrid Franklin Wright Lawrence Newton	3 8 8	17 04 36 52	93 52 94 22	1011	5P 6P 5P	4P J. A. Spence 8A Ernaet J. Foeter 8A Mo Fruit Exp Sta 5P Wm. E. Kirchhoff 5P D.S. Vieheries Sta.	3 3 5 5 3 3 5 2 3 5	С
Charleston Chillicothe 2 S Chillicothe Radio KCH1 Clarkoville Lock & Dam Clearwater Dam	1580 1585 1640 1674	Miselecippi Livingston Livingston Dike Wayne	4 6 1	36 58 58 45 39 46 59 22 57 07	89 21 93 33 93 33 90 55 90 47	771 - 648	6P S8 4P	6P Charlenton Fire Dep 7A B. D. Dupy SS Radio Station KCHI MID O. S. Engineern 7A U. S. Engineern	2 3 5 3 2 3 5 2 5 5	7 C C		Nevada Mew Bonton New Ylorence New Madrid Novinger 1 6	5988 6007 6040 617D	Vernon Line Montgomery Mew Madrid Admir	6 2	1.70		862		7A Benry Kraft 7A Gersid 5. 8111 6P Berhert E. Davault 6A Wesn Hennley 7A Vern M. Robison	2 5 5 3 2 5 5 3 3	7
Clifton City Clinton 1 NNW Coloma Columbia E8 Airport Conception	1711 1775 1790 1822	Cooper Benry Carroll Soone Nodaway	8 4 7 7	58 45 38 22 59 31 38 58 40 16	94 41	1108	MID 5P	7A F. S. Needy 8A Loyd M. Millam 7A Jewel 8. Trunnell MID U.S. Seather Sureau 5P Fr. Adelhelm Been	2 3 5	7 C 6 7 C		Oatee Tower Odenea Oregon Oremon 1 NE Osceola 3 NE	6269 6557 6359 6407	Reynolds Lafayette Solt Modaway St. Clair	7 7 7 9	37 32 38 00 39 59 39 59 38 05	91 03 85 57 95 09 95 08 93 39	-		7A Ethel Sue Adams 7A Wm. E. Dougherty 7A James M. Curry MID Addle A. Surtnett 7A Sam H. Simmons	2 3 5	CC
Concordia Cook Station Crame Mountain Crocker Crystal City 1 N	1870 1980 2004 2031	Lafayette Crasford 1ron Pulask1 Jefferson	5 10 8 6	58 59 57 48 57 27 57 57 38 14	92 15 90 25	780 - - - 430	5p	7A Martin Brockman 7A Thomas J. Gorman 9A Roy E. Thomlieon 6P Charles 1den 5P Dscar Y. Tidd	3 5 3 5 2 3 5			Oweneville Ozark Ozark Beach Pacific Palmyra	6452 6460 6468 6495	Gaeconsde Christian Taney Franklin Marion	12 12 5 6			935 1150 700 ~		8A Aneta E. lman 7A William L. Reed 8A Empire Die El Co 7A Arthur D. Lewie 8A Jeese E. George	3 3 5 3 3	C
Cubs Deering De Soto Dexter Doniphan	2156 2220 2235 2289	Crawford Pemiscot Jeffernon Stoddard Ripley	10 6 10 1	38 04 56 12 58 09 56 47 56 37	89 58 90 50	344	6P	8A Fr. C. J. Bornsey 7A Clarence E. Carnell 7A Roy E. Dewey 6A J. L. Jacknon 6P Soyce Lackey	3 3 2 3 5			Parln Parwa Pattonehurg Perry Perryville	6532 6563 6633 6641	Monroe Mew Madrid Daviewe Salin Perry	10 4 6 6 6	39 29 36 37 10 03 19 26 39 43	92 00 89 48 94 09 91 40 89 52	710	5P	8A J. W. Seed 7A Laura E. Morgan MID Wade D. Moody MID Sev. C. 8. Green 7A John 8. Bagen	2 3 5	ce
Doniphan 2 g Dors Downing Eant End Edgerton	2302 2318 2406 2474	Ripley Dzark Schuyler lron Platte	12 6 5	36 37 56 46 40 29 57 41 39 50	92 22 91 02 94 38	856	6P	7A Geo. Saumgardner MID Alta M. Deupree MID Edward L. Besler 7A C. O. Smith 7A Rodora L. Perry	3 5 2 3 5	C		Pierce City. Pleanant Bill Polo Poplar Sluff Portageville	6748 6775 6791 6799	Lawrence Case Caldwell Sutler New Madrid	9 7 1 6	36 57 38 48 39 33 36 45 36 26	94 00 94 17 94 02 90 23 89 41	1018 332 282	7P	7A John P. Davin 6A Daan 7. Knorpp 7A Ralph C. Dlhright 7A D. M. Richardnon 5P Portageville Rev. MID Arthur M. Richl	3 3 3 2 3 5 2 3 5	c
Edina Eldon Eldorado Springo Elijah Ellington	2503 2511 2519 2547	Knox Miller Cedar Dzark Reynolds	12	40 10 38 20 37 52 36 36 37 14	92 09	934	5p	7A Paul D. Pettit 5P Arthur Rothwell 6P Clyde J. Snodgrasn 7A Loyd Price 7A S. Phronia Ganders 7A Silliam Perkinn	2 3 5 3 3 3 3	c		Potoei 2 S Princeton Puxico Quin Reynoldn Richmond 7 N	5866 6934 6970	Eachington Mercer Stoddard Butler Reynolds	10	37 54 10 24 36 57 36 36 37 24	93 36 90 10 90 15 91 05 93 58	835	5 P	SP Glen L. Swanberg TA J. W. Steinmeier TA Torrence J. John TA Effle V. 8111 MID Orelia E. Smith	2 3 5 3 3 3	
Eleherry Enlnence 3 MNW Fairfex Farmington	2591 2617 2726 2809	Carter Lincoln Shaonon Atchinon St. Francols	6 1 7 10	39 10 37 11 40 20 37 47	90 47 91 25 95 24 90 26	449 1250 896	7P	8A 60il Conserv. Serv. MID Thoman J. Chilton 7A Dillard A. Price 6A F. M. Karech MID U.6. Civil Aero Ads	2 3 5 3 2 5 5	c 7 C		Richwoods Ridgeway 1 SE Roby Rogersville	7122 7130 7214 7255	Wanhington Harrison Texas Webster Phelpn	5 4 3 12	38 09 40 22 37 30 37 07	90 50 93 56 92 08 93 03	1202	94	7A Elma M. De Cine MID Keith Jackson 7A Roy E. Daniele MID Gladye C. Shockley	3 2 3 5	000
Farmington CAA AP Yayotte Yiek Foreyth Fountain Grove Wildlife	2823 2881 2875 2995	Boward Butler Taney Llvlngwton	7 10 12 4	37 46 38 09 36 47 36 41 38 42	90 14 93 06 83 18		6P	6P lrvin E. Schnell 7A Fred Lovell 7A Dtto Kenyoe SS Mo. Coes. Comm.	2 3 5 5 3 2 3 5	c		Rolla 5 5E Rolla 5 8 Rolla 5 8 Rolla 7 6 Round Spring	7264 7265 7266 7267	Phelpe Phelpe Phelpe Phelpe Phelpe Shannon	5 3 5 3	37 54 37 57 37 56 37 51	91 43 91 50 91 43 91 46	1100		MID Walter W. Snelson MID Leslie B. Dnderwood MID Mrc. B. P. Light MID Gertrude Ponzer 7A C. E. Jones	5	0000
Fredericktown Fremont Tower Fulton 4 SM Galena Gallatin 2 NE	3052 3079 3094 3102	Madison Carter Callaway Stoce Davices	1 7 14 4	36 58 38 51 56 48 38 56	91 57 93 28 95 57	-		7A R. H. Leelie 8A U.S. Forest Service 8A F. E. Hillgartner 7A Barold D. Stewart 7A Frank Berehberger	3 3 5	c		Baint Charles Baint Jamee 3 MW Baint Joseph #8 AP Saint Louin WB AP	7397 7424 7440 7455	St. Charles Phelpn Buchanae Saint Louis	7 5 7	38 47 38 01 39 46 38 45	90 29 91 40 94 55 90 23	809 552	MID	7A Charles J. Koenig MID William S. Joses 6A D.S. Weather Bureau MID U.S. Weather Bureau MID U.S. Weather Bureau	2 3 5	7 C 7 C
Gerald Gowor 2 M Granby Grant City Greenville 4 NNW	3300 3341 3569 3451	Franklin Clinton Newton Worth Wayne	10	38 24 39 38 56 55 40 29 57 11 40 16	94 15 84 25 90 28	980 1134 410	89	6P Edwin H. Venmer MID Patricia W. Grler 7A Mildred B. Batcher 7A J. Bomer Korn 7A C. L. Rubottom 7A Albert J. Ruddick	5 3 2 3 5 3 5 5	c c		Saint Louie WH City Saint Louin Univereity Baint Louin Mach. Dnlv. Salem Salinbury Saverton Lock & Dam 22	7470 7506 7514	St. L. City St. L. City St. L. City Dent Chariton	6 5 2 5	18 38 18 59 17 38 19 26	90 14 90 19 91 33 92 48 91 16	578 537	7P 8A 7A 6P	7P St. Louie Only. 8A J. Sopp R. Bruet 7A 6. B. Martin 6P David H. Rohertson	2 3 5 2 3 5 2 5 5	
Gregory Landing Groveepring Hailey Hamden 2 EE Bannibal	3483 5537 3585 3596	Wright Barry Chariton Marioe	12 2 8	37 24 36 42 39 38 39 42	82 37 93 46 82 47 81 21	759		7A Albert J. Ruddick 8A Soy E. McNeley 6P Eilliam Madicoe MID Mary M. Ehite 7A Drover C. Van Dyke	3	7 C		Sedalla Sedalla Sellgman Beneca 6eymour 4 NNE	7632 7645 7656 7674	Pettie Barry Wewton Wehnter	7 8 8 12	18 42	95 14 95 56 94 37 92 45	910	5P 7P 5P	7A Dr. J. E. Cannaday 7A Floyd E. Fawver MfD Sonea N. Barrison 7A Claude E. Garfit 8A Drville L. Payne	2 3 5 2 3 5 3 5 5 2 5 5	С
Bannihal Water Worke Barrie Barrieonville Hazlegreen 2 W Baerietta	3841 3849 3713 3778	Marion Sullivan Caee Laclede Ray	4 9 5 7	59 41 40 18 38 59 37 46 39 14	93 31 84 20 92 27 93 56	904	6р	MID John E. Miller 7A J. B. Pattereon 8A Melvin R. Oglilon MID William R. Barrieo	2 3 5	c c		Shelbyville Sikestoe Bikenton Crop Exp Fm Siloam Springe	7728 7770 7772 7780	Bhelhy Scott Mew Madrid Bowell	6 6 12 3	19 48 16 53 16 51 16 48	92 02 89 35 89 35 82 04	318		5P Emmett L. Goe	2 3 5 2 3 5 2 3 5	c
Hermann Hermitame Highee 5 S Gighpoint 2 SH Hornereville	3789 3835 3849 3999	Daeconado Bickory Howard Moniteau Dunklin	9 7 7 10		92 30 93 37 90 06			7A Joseph Munderlich 8P Barold E. Carletron MID Bilda M. Rargle MID Mre. John E. Dutche MID 6allle E. Perkine 6P The Boustoe Berald	7	ccc	-	Skideore Bpeed 2 W Spring City Springfield WB AP Stanberry Steelville 2 N	7880 7987 7876 8003	Nodaway Cooper Newton Greene Gentry	7 8 9 4	8 51 6 58 7 14	95 05 93 50 84 32 93 23 94 33	1265	MID	MID Sichard E. Stegner MID Gichard E. Stegner MID Gladye J. Cameron MID U.S. Weather Bureau MID 6. Trueman Wamere	3	7000
Houston 1 66 Jackson Jeff City Radio XeOS Jeffereon City	4021 4226 4271 4276	Texas Texas C Oirardeau Cole Cole	5 6 7 7	37 20 37 19 37 23 38 55 38 34	91 58 89 40 92 12 92 11	428 557 -	6P	6P The Bouetoe Berald MID Elenor Johnson 5P Danny 61ehert 7A KEOS 6mdlo Farm 7A Robt. R. Henderson 7A Ealter B. Brown	2 5 5 2 5 5 2 3 6 3	c		Steelville 2 M Stoffenville Stet 6 SE Stover Sullivan 5 E Summereville	8051 8083 8112 8171	Lewie Carroll Morgan Franklin	6 7 7 5	18 58 18 21 18 26 18 13	91 63 95 41 93 02 91 04	=	6P	7A Fannia V. Grone MID Edward Stevene 7A H. Kyle Vickrey 7A George J. Russman	2 3 5 3 5 3	c
Jerome Jewett Joplin CAA AP Kahoka Kaneme City @8 Airport	4299 4316 4349 4359	Madison Jasper Clark Clay	6 6 7	37 23 37 10 40 25 39 07	90 28 94 30 91 43 94 35	982 741	1 1	MID Fred Goelkel MID U.S. Civil Aero Ade 6A Eccloy E. Raydon MID U.S. Mwather Sureau	2 3 6	7 7 7 C		Summereville Suener 3 SM Sweet Springe Tarkio Tecumech Topaz 4 ME	8225 8289 8313	Texae Livingeton Galine Atchieon Dzark Douglae	12	10 27	91 40 93 17 93 25 95 23 92 17 82 12	680	6P 6P	7A John W. Guilford 6P Serhert F. Melson Jr. 6P Leeter B. Morton 7A Ray H. Runt 8A Earl I. McMillag	2 3 5	7 C
E.C. 8t. John & Elswood K.C. 75th & Boimee E.C. 37th & Raytown Rd Kensan City U. of E.C. Keytwevillw 4 ME	4369 4374 4379 4449	Jackson Jackson Jackson Jackson Chariton	7 7 7 2	39 06 39 00 39 03 39 02 39 27	94 30 84 35 92 62	908	5P	MID Lecter Applogate MID Lecter Applogate MID Lecter Applogate 6F University of K. C. 7A Percy W. Ryan	3	0000		Topaz 4 ME Trenton Troy Tyrone 2 N Union 1 SM	8466 8498 8515	Grundy Lincoln Texas Franklin	5 5	10 05 18 59 17 12 18 27	93 37 90 59 91 53 90 69 93 00	1380	6P:	7A R. R. Eetee 7A Robert L. Michole MID Lowne A. Harrison 7A Cornellus Siemee 7A George D. Choste	2 3 5 2 3 5 3 3 5	c c
Midder King City Mirkevilla Redio MIRX Mirkevilla CAA AP Moshkosonm	4544 4544	Coldwell Contry Adair Adair Oregos	6	39 47 40 03 40 13 40 06 38 36		966	6P MID 6P	7A South R. Look 6P John M. Martin 6P Dow Jonne MID U.H. Civil Awro Adm 7A Dwnewleve T. Seith	2 3 5 3 2 3 6 3 5 6 2 3 8	7 C		Unionville Valley Park Van Buron Vandalia Vanrant 4 8M	8561 8569 8577	Futnam 6aint Louis Carter Audrain Douglae	6 3	16 69 19 18 16 66	90 30 81 00 91 30 93 16	766		7A Floyd Y. Gibbe 7A Merle A. Smith 5P Macml K. Stoutx 7A C. D. Smith	3 5 2 3 5 3 .	

- 126

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Chettamed																					
Station	Index No.	County	Drainage !	Latitude	Longitude	Elevation	Comp. duel	no	Observer	Refer to tables	Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	vat	observ	/SI	Refer to tables
Turnailles Tichy 2 SE Tichy CAA AP Ticoma 5 NV Talls Widge 5 NV	8612 8614 8620	Norges Meries Maries Meries Freeklis	5 5 9	58 09 58 15	91 44	1040	MID	MID	Gens S. Bartram Virgisia Y. Buffsso U.S. Clvil Auro Adm James McSloney Vincest Melloan	2 5 5 C 2 5 5 7 . C					NEW B	TATIONS					
Vaco Vappapolis Dan Harronsburg Cvst. T. C. Varrontos 1 H Varney So. 1	8700 1712 8735	Jasper Wayns Johnson Warres Beston	10	58 55 59 49 58 49	94 35 90 15 93 44 91 08 93 21	978 997	5P 5P	8A 8A 5P	Lester O. Sigars O. S. Sugineers Cent. Teach. Col. W. T. Zimmersen Dora Johnson	3 2 5 5 C 2 5 5 2 5 5 2 3 5 2 3 5 7	Sennett Radio KBOA Denville i ENE	441	Dunklin Montgomery	10 7	38 15 58 55	90 04 91 51	285 850		SP Radlo Sts. M	BOA &	2 3 5 C
Varnew So. 2 Suching ton 5 9 Vasola Varoutly Varnewills 3 8	8749 9754 9798	Boston Franklis Osark Lafsyetts Pulaski	12	36 47 36 47 39 12	95 21 91 00 92 34 95 51 92 14	1294 790	क	7A 7A	John W. Burks Jos Ludewig A. W. Pinckney Jewss J. Yooss Reigh W. Land	5 C 2 5 5 C 5 2 5 5											
Vobator Groves Saingarton Vout Plains Villiansburg Villiansville	9799 8880 9960	Smint Louis St Gensylave Hosell Chilansy Wayne	1 7	57 55 36 44 58 55	90 22 90 15 91 51 91 43 90 55	1005	5P	SP WID WID	Thomas J. McComley William J. Miller U.S. Weather Burcou Mary W. Crump George W. Julian	2 5 5 2 5 5 2 3 5 7 C 5											
Villow Springs Villow Springs Yor Ser Vindoor 5 NW Zelma 8 E	9000	Hoesil Hoesil Johnson Hollinger	1 9	58 59 58 55	91 59 91 59 95 53 99 59	1	ВР	WID 6A	Allen Frazes U.S. Forest Service Logan Sutherland J. Monros Mull	2 5 5 2 5 5 5											

DEATHAGE CODE 1. Alech 2. Charitos 5, Gasconade 4. Grend 5, Meresec 8, Mississippi 7, Missouri 8, Neosho 9, Osage 10, Saint Francis 11, Saline 12, Spring 15, Tarkio 14, White

#### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state hasis. There will be no duplication of numbers within a state.

Figurea and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will he carried only in the June and December issues of this hulletin.

monthly and seasonal snowfall and heating degree days for the preceding 12 months will he carried in the June issue of this hulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this hulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in males. Degree days are hased on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise above by footnote following Table 6.

Sleet and hail were included in snowfall averages in Tahle 1, beginning with July 1948.

Amounta in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

"TTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

  And also on a later date or dates.

  Amount included in following measurement, time distribution unknown.

  Gage is equipped with a windshield.

  Adjusted to a full month.

  Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

  Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

  One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have heen adjusted to represent the value for the full month.

  Daily values and monthly total from recording gage.

  Trace, an amount too small to measure.

  Includes total for previous month.

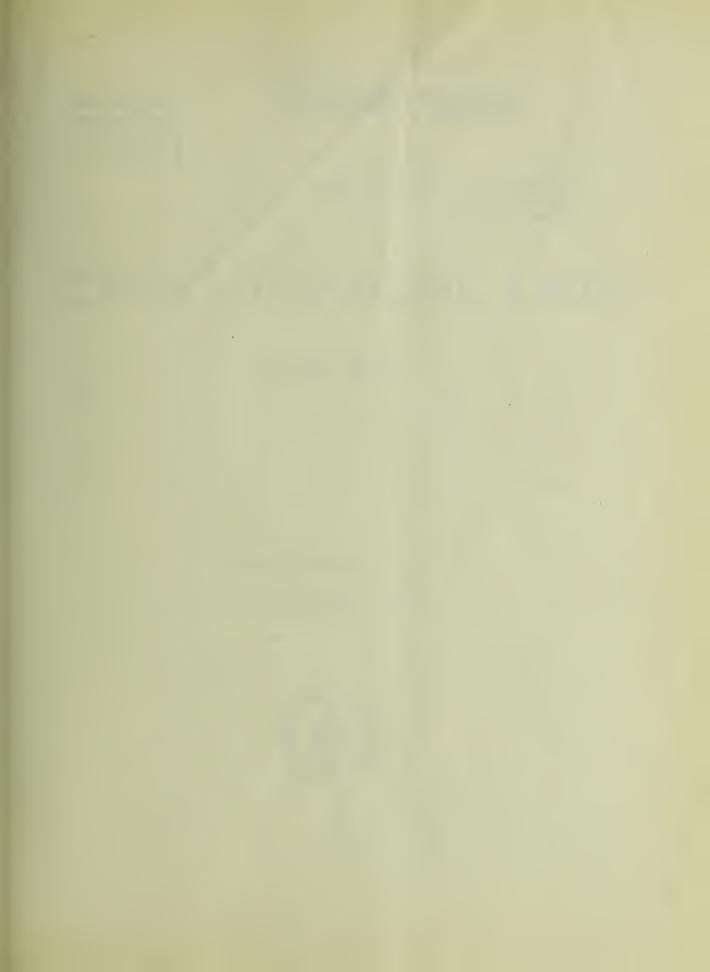
  This entry in time of observation column in Station Index means observation made near sunset.

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WRPC, KANSAS CITY, MO., -- 10-13-53 -- 950

39 38 Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data". 90 93 Buffal Warsaw I 8 Warsaw 2 Lamar 9.6 STATION LEGEND 96 07

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WEATHER BUREAU
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

**MISSOURI** 

1,01 -0 1353°

THE LIBRARY OF THE STORY OF PLANTS

SEPTEMBER 1953
Volume LVII No. 9



#### MISSOURI - SEPTEMBER 1953

H. F. Wahlgren, Section Director - Saint Louis

#### WEATHER SUMMARY

September was a continuation of the severe drought conditions from which the State has been suffering for the past four months. It was the driest September since 1940 and the sixth driest on record. It was also the eighth month of 1953 with below normal rainfall. The average precipitation for the months of May through September has been only 9.56 inches. This is 10.23 inches short of the normal, and the least rainfall ever recorded for similar period in any year. Only 1901, with 9.72 inches approached this figure. The next lowest average amount was 14.28 inches, in 1913.

State average precipitation for this month was 1.22 inches, or 2.78 inches less than normal. The southeastern division was the driest, with an average of only 0.43 inch, or 3.19 inches less than its normal. Showers, locally heavy, fell in the Northern and Southwestern divisions on the afternoon of the 3d, as a cold front moved across the State. Amounts ran as high as 3.65 inches, at Clinton. Several stations reported over two inches. For many stations this was the only significant precipitation of the month. By the time the front moved into the Southeastern Division the rainfall had decreased to a fraction of that received elsewhere in the State. There were a few very light showers on the 10th and 11th, the 18th, and in the northern part of the State on the 24th. Greatest total precipitation was 4.00 inches at Clinton. Belleview, Reynolds and Round Spring, all in the Southeast Division, received no rain whatever during the month.

The State average temperature of 71.9° was 2.6° above normal, and made this the warmest September since 1947. Highest mean temperature for any station was 75.6° at Lockwood, and the lowest was 67.3° at Kirksville CAA. The highest recorded was 105° at Appleton City, on the 28th, and at St. Charles, on the 29th. The lowest was 27° at Hermitage, on the 22d. The month opened and closed with a heat wave, maximum temperatures being near or above 100° generally over the State, during both periods. The first warm period was broken by the cold front which moved in on the 3d, followed by several days of moderate temperatures. The second set record high temperatures, for so late in the season, on the 28th and in the Eastern part of the State on the 29th. A mild cold front passage, early on the 30th, lowered temperatures 15 to 20 degrees. The coolest period, however, was the 22-23d, with nearly all stations recording their lowest temperatures for the month on the 22d, when minimum temperatures in the 30's or low 40's were State-wide. Otherwise temperatures were moderate and generally slightly above normal.

The precipitation received on the 3d was of great benefit to farmers trying to condition soil for seeding small grain, or for the sowing of grain where seedbed preparation had been completed. There was slight and temporary improvement in pastures in some places, following the rains, but most pastures were beyond reviving. As the middle of the month passed without further rain, it became apparent that there would be no significant amount of pasturage from small grains this fall. This was a very serious blow to the stockmen of the State. Without any other pasture, and with a serious shortage of roughage, pasturage of this type was the last hope for a large number of them for keeping their foundation herds relatively intact until grass becomes available next spring. The liquidation of these herds, which had been under way for several months previous, continued for both beef and dairy animals. The hot, dry weather forced the corn crop to early maturity, and twice the usual proportion had been harvested by the end of the month. The estimated average yield for the State was 30 bushels per acre. This compares with 41 bushels last year, and the ten-year average of 35 bushels. Soybean yields were reduced even more than the corn crop and were estimated at only 11 bushels per acre, compared with 19 bushels last year, and a ten-year average of 17.7 bushels. Much corn has been ensiled, and more than the usual amount of soybeans were cut for hay, because of the drought induced shortage of roughage. The cotton harvest was going ahead rapidly and also ahead of normal by the close of the month. Seeding of small grain was behind the average, and little progress was being made because of dry soil.

A local windstorm in St. Louis County on the 6th, blew down a small hangar and badly damaged three light planes at Weiss Airport. Damage was estimated at \$12,000.--AJC

# SUPPLEMENTAL DATA

MISSOURI SEPTEMBER 1953

	Wind	direction		Wind m.	speed p. h.			ve hum		rages -		Numi	per of d	ays with	precip	itation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	6010	.10–.49	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
MEIA W8 AP	SSE	16	9.8	40	NW	3	55	65	31	39	4	1	2	0	0	1	8	88	2.1
LANSAS C TY WB AP	S	19	10.3	36	5	17	50	64	33	34	0	4	0	0	1	0	5	92	2.2
TISEPH WB AP	-	-	10.1	35	NW	24	-	73	34	35	2	1	0	0	1	0	4	90	2.1
T. OU 5 W8 CITY	S†	17†	10.7	43	5W	18	55†	66†	32†	36†	8	2	2	0	0	0	12	85	2.2
N NOF ELD W8 AP	S5E	25	1.2.9	43	5W	29	56	67	34	36	2	0	2	0	0	0	4	91	2.0

† -- airport data

## COMPARATIVE DATA

Table 1

SEPTEMBER

	Т	emperatu	ır•	P	recipitatio	on		To	mperatu	ге	Pr	recipitatio	ac		T	emperatu	re	P	recipitatio	on
Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days ,01 or more	Year	Average	Highest	Lowest	Average	Average snowfall	No. of days .01 or more
1838 1889 1890 1891 1892	65.2 64.7 63.7 70.6 67.8	97 94 98 104 97	28 32 30 34 32	1.01 4.68 4.36 0.72 2.46	0 0 0 0	4 11 9 6 4	1913 1914 1915 1916 1917	69.4 69.6 70.6 67.8 67.9	109 99 98 101 101	27 35 34 27 33	4.75 6.06 5.18 2.97 2.76	0 0 0 0	9 9 7 6 5	1933 1939 1940 1941 1942	71.6 75.5 63.3 71.6 67.4	103 108 100 97 97	30 30 28 35 22	1.35 0.81 0.69 5.33 4.19	0 0 0 0	6 2 3 9 7
1893 1894 1895 1896 1897	69.9 68.5 71.3 65.0 74.3	107 101 104 101 105	26 34 24 23 27	4.07 4.94 2.38 4.09 0.67	0 0 0 0	6 8 4 10 2	1918 1919 1920 1921 1922	62.3 71.4 70.0 73.4 71.7	96 104 100 104 107	29 33 31 34 31	4.83 3.14 4.60 6.94 3.10	0 0 0 0	7 5 9 13 5	1943 1944 1945 1946 1947	65.6 69.1 69.4 68.0 71.9	102 100 103 97 109	33 36 36 32 31	3.51 2.32 9.46 2.24 3.33	0 0 0 0	3 6 14 6 5
1898 1899 1900 1901 1902	70.9 67.4 71.1 68.9 63.2	103 108 100 103 95	37 21 29 27 30	6.70 1.96 4.59 2.16 4.63	0 0 0 0	9 4 10 6 10	1923 1924 1925 1926 1927	68.7 64.0 74.6 69.3 71.6	98 96 110 97 102	33 29 45 27 29	4.44 3.79 6.56 8.64 3.72	0 0 0 0	11 8 10 13 8	1948 1949 1950 1951 1952	70.4 63.1 66.5 65.7 68.2	100 99 92 102 98	37 27 28 28 30	2.17 4.78 2.01 5.25 1.67	0 0 T T	5 8 7 10 4
1903 1904 1905 1906 1907	66.6 69.6 69.6 71.9 68.9	93 96 98 98 101	32 34 41 36 31	4.16 3.77 7.40 4.53 2.06	0 0 0 0	8 7 10 11 6	1928 1929 1930 1931 1932	65.0 67.4 71.3 75.0 67.8	95 93 105 104 99	28 33 37 36 33	2.50 3.16 4.28 3.91 2.56	0 0 0 0	5 8 7 6	1953	71.9	105	27	1.22	Т	3
1908 1909 1910 1911 1912	71.6 63.7 69.5 73.7 63.6	99 105 97 105 105	28 23 34 39 27	2.15 4.48 5.45 6.27 3.11	0 0 0 0	4 8 10 11 6	1933 1934 1935 1936 1937	74.6 65.6 68.1 73.6 69.4	102 95 98 109 103	36 32 33 37 29	4.69 7.39 3.51 8.62 2.41	0 0 0 0	9 12 6 11 5							

verages for the period 1949 to date bave been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

					Ten	peral	lure			,,				1			P	recip	itation					
		1			2						N	o. of I	Days	4		7			Snow.	Sleet H	ell lie	No.	al lo	гуз
Station		Average	Avetage Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Above	Below X	Min	-	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.01 or More	.50 or More	1.00 or More
NORTHERN DIVISION												$\top$		7									Ī	
ALBANY AMITY BETHANY BROOKFIELD BRUNSWICK		86.9 87.4 87.0 89.4 85.4	50.9 55.4 52.6 55.7 54.6	68.9M 71.4 69.8 72.6 70.0	2.7 3.0	104 104 102 103 100	28 28 1	38 30 36	22 22 22 22 22 22	24 48	10 11 11 15 13	0 0 0 0	0	00000	1.30 .99 .92 2.12 2.07	-4.25 -1 75 -3.64 -2.74	1.14 .93 .76 .98 1.72	3 4 4 3 4	.0	0000		2 2 3 4 3	1 1 2 1	0000
CANTON L & D 20 CARROLLTON CHILLICOTHE RADIO KCHI COLUMBIA WB AP CONCEPTION	R	83.2 86.4 88.1 85.5 87.9	53.3 53.8 51.4 58.0 54.5	68.3 70.1 69.8 71.8 71.2	2.3 3.1 4.0	99 100 102 100 104	28	36		48 30 40 25 24	8 12 14 11 12	0000	0 1 0	0 0 0 0 0	1.35 2.42 1.31 2.72 1.40	-2.39 -3.47 -1.90 -3.24	.98 1.22 .60 2.30 1.25	4 3 3 3 3	.0	0 0 0		3 5 4 4 2	1 1 1 1	0 1 1
EDGERTON ELSBERRY FAYETTE FOUNTAIN GROVE WILDLIFE FULTON 4 SW		86.8 86.1 87.6 87.0	55.0 49.8 54.4	67.4 70.6 68.7 70.7	2.5	104 100 100 101	28 28	39 31 40	22		11 11 14 12	0 0 0	0	0000	1.32 1.34 1.38 2.73	-1.68 -3.62 -1.76	.66 .98 1.38 2.12	4 4 3 4	.0	0 0		4 3 1 3	1 1 2	0 0 1 1
GRANT CITY HANNIBAL WATER WORKS KANSAS CITY WB AP KIDDER	R	85.4 83.2 86.8	53.6 56.7 61.3	69.5 70.0 74.1	2.5 2.3 3.5	102 100 103	1+ 28	43	22 22 22	36 34 13	11 9 11	0 0 0	0	0 0 0	1.27 2.21 1.56	-3.42 -1.76 -2.29	1.08 .81 1.49	4 4 3	.0	0 0		3 5 5	1 2 1	1 0 1
KIRKSVILLE RADIO KIRX	R	84.1	51.6	67.9M	1.6	99	1+	32		68 56	9	0	0	0	1.51	-3.67	1.02	3	.0	0		3	1	1
LATHROP 3 SW LOUISIANA STARKS NUR MACON MARYVILLE		86′.8 85.7 84.5	52.7 51.5 54.4	69.8 68.6 69.5	1.8 .7 3.9	103 100 102	29 29	32 35 40	22 22	43	11	0000	1 0	0 0 0	1.67 1.40 1.43	-2.76 -3.04 -3.25	1.36 1.13 1.32	4 4 3	.0	0 0		2 4 3	1 1 1	1 1 1
MEMPHIS MEXICO MOBERLY RADIO KNCM NEW FLORENCE OREGON		86.5 87.0 86.3 87.4 84.7	51.6 55.0 55.0 57.2 56.9	69.1M 71.0. 70.7M 72.3 70.8	1.8 2.5 3.6	102 103 100 104 102	2 1+ 29	39 39 38	22 22 22 22 22 22		12 11 11 7	0 0 0 0	0 0	00000	.96 2.59 1.36 1.69	-3.22 -2.38 -2.12	.67 2.29 .90 1.45	4 4 4	.0	0 0 0 0		3 2 3 3 3	1 2 1	0 1
PRINCETON ST CHARLES ST JOSEPH WB AP SALISBURY SAVERTON L & D 22	R	88.4 89.6 85.2 87.1 85.2	48.7 57.9 54.4 55.3 58.5	68.6M 73.8 69.8 71.2 71.9	5.5 1 3.1	100 105 103 102 102	29 28 28	40 36 38	22 22 22 22 22	47. 18 27 24 24	14 17 9 12	0 0 0 0	0 0	00000	1.20 .75 1.17 1.76 1.54	-3.09 -3.12 -2.01	.87 .63 1.08 .82 1.27	3 4 3 4 4	.0	0 0 0		4 5 2 5 3	1 1 2 1	0 0 1 0 1
SHEL8 INA STEFFENVILLE TARKIO TRENTON UNIONVILLE		86.6 85.3 84.3 86.9 82.8	52.5 54.1 51.7 55.8 54.9	69.6 69.7 68.0 71.4M 68.9	.7 1.7 4.2 1.8	99 99 102 102 97	1 28 28	35 32	22 22 22 22 22 22	49 40 43 24 41	14 9 7 12 9	00000	0	00000	1.50 1.45 1.85 .87 1.00	-3.44 -3.05 -2.39 -3.88 -4.09	1.17 1.02 1.66 .74	4 4 3 4 4	.0	0 0 0 0		3 3 3 2	1 1 1 1 1	1 1 0 0
VANDALIA WARRENTON 1 N		90.2	57.4	73.8	4.8	104	1+	38	22	20	16	0	0	0	1.07	-3.29	.54	19	.0	0		2	2	0
DIVISIÓN				70.4	2.6										1.53	-2.63			.0					
SOUTHWESTERN DIVISION																								
ANDERSON 1 SW APPLETON CITY 80LIVAR 80ONVILLE WATER WKS BUTLER		89.6 89.9 89.6 84.5 88.8	50.5 57.7 60.4 56.0 59.3	70.1 73.8 75.0 70.3 74.1	9 3.4 5.1 2.0	102 105 103 100 103	28 28 29	41 40 41	22 22 22 22 22 22	10	17 16 14 12 15	0 0 0 0	0 0	00000	1.23 2.93 1.85 2.12 2.72	-2.65 -1.45 -2.36 -3.07	.85 2.42 1.56 1.98 2.48	4 3 4 4 3	.0	0 0 0		2 3 2 5	1 1 1 1 1 1	0 1 1 1
BUTLER CAA AP CAMDENTON CAPLINGER MILLS CARTHAGE CLINTON 1 NNW		88.0 89.9 89.2 90.8 87.1	57.3 56.2 57.2 58.0 55.1	72.7 73.1 73.2 74.4 71.1	.3	103 103 104 103 103	28 28 28	38 36 35 37 36	22 22 · 22	17 16 12	15 15 14 21 12	0 0 0 0	0 0 0	00000	2.40 1.92 1.48 1.00 4.00	-2.24 52	2.16 1.20 .93 .66 3.65	3 4 3 4 4	.0	0 0 0 0		3 4 5 2 2	1 2 1 1 1	0
ELDON HARRISONVILLE HERMITAGE JEFF CITY KWOS JOPLIN CAA AP		88.5 88.2 89.6 87.4 88.5	58.7 57.0 48.5 56.4 62.0	73.6 72.6 69.1M 71.9 75.3	4.2 4.1 2.6 3.2	100 101 102 102 104	28 28 28	41 44 27 37 44	22+ 22 22	18 42 27	14 12 17 11 13	0 0 0 0	0 2 0	0 0 0 0	3.47° 2.99 1.83 2.89 1.43	-1.15 -1.91 -1.34 -2.49	2.62 2.48 2.21 .94	4 4 3	.0	0 0 0 0 0		3 2 2 3 2	2 2 1	1 1 0
K C UNIV OF K C LAKESIDE LAMAR LEBANON 1 ENE LEXINGTON		88.7 88.7 90.9 89.5 87.4	57.7 51.3 57.6 57.4 57.9	73.2M 70.0 74.3 73.5 72.7	2.7 -1.0 3.5 4.1 3.9	104 102 104 103 103	29 29 28	38 35 37 33 43	22 22 22		13 14 20 16 12	0 0 0 0 0	0 0	0 0 0 0 0	1.43 2.22 2.03 .67 1.95	-2.37 -2.18 -2.52 -3.82 -2.82	1.43 1.71 1.65 .63 1.41	3 4 4 4 4	.0	0 0 0 0		1 2 2 2 5	1 2 1 1 1	1 1 0 1
LOCKWOOD MARSHALL MARSHFIELD MONETT MOUNTAIN GROVE 2 N		91.1 88.6 88.9 90.0 90.5	60.0 58.2 58.5 60.1 58.2	75.6 73.4M 73.7 75.1 74.4	4.7 4.6	101	28 28+ 29	40 42 44	22 22 22 22 22 22	9 13	20 15 16 20 20	0 0 0 0 0	0 0	00000	1.63 2.43 .55 .90	-3.15 -3.07	.71 1.02 .31 .65	4 3 4 4 4	.0 T .0	0 0 0 0 0		3 3 2 1	2 3 0 1 0	0 1 0 0
MOUNT VERNON 3 SW NEOSHO NEVADA OZARK BEACH SEDALIA		90.0 90.1 90.7 92.4 88.2	57.7 54.6 60.3 53.7 59.3	73.9 72.4 75.5 73.1 73.8	3.4 1.9 6.0	102 101 104 102 101	28 28 29	35 35 44 38 40	22 22 23	15 6		0 0 0 0 0	0 0	00000	.61 1.12 3.48 .41 2.49	-3.23 -3.17 83 -2.78 -2.41	.40 .60 3.02 .40 2.20	3 3 4 4	.0	0 0 0 0		3 2 2 2 2	0 1 0 1	0 0 1 0
SELIGMAN SEYMOUR 4 NNE SPRINGFIELD WB AP SWEET SPRINGS VERSAILLES	R	89.0 89.5 87.5 88.2	60.2 54.4 59.8 55.0	74.6M 72.0 73.7 71.6	5.0 3.2 4.6	101 103 101 104	29 28	37 42 33	22 22 22 22	13	14 13 12	0 0 0 0	0	0000	1.09 .71 .33 2.80	-2.59 -3.31 -3.53	.81 .64 .18 2.02	4 4 3 3	.0	0 0 0		2 2 2 5	1 0 2	0 0 0 1

TABLE 2 - CONTINUED

TABLE 2 - CONTINUED					Ten	pera	lure										I	recip	itation					
						Ì						No. o	Day	•				T	Snow.	Sleet, H	ail	No	of D	aye
Station					Te de					Days	М	ax.	М	in.		T T	Day	}		- F		More	More	
		Average Maximum	Average	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree D	90° or Above	32° or Below	32° or Below	O° or Below	Total	Departure From Normal	Greatest	Date	Total	Max. Depth on Ground	Date	.01 or M	.50 or M	1.00 or More
MARRENSBURG CENT T C		88.8	60.8	74.8M	4.6	103	28	45	22	7	14	0	0	0	2.01	-2.77	1.66	4	T	0		3	1	1
MASOLA MAYNESVILLE 2 W MINDSOR 3 NW		90.6 9D.7 87.4	58.0 50.7 58.7	74.3 70.7M 73.1		103 104 101	28			6 27 14	19 17 11	0 0 0	0 1 0	000	.43 .53 2.78		.34 .37 2.56	4 4 4	.0	0 0		2 3 2	0 0 1	0 0 1
DIVISION				73.2	3.4										1.76	-2.49			T					
SOUTHEASTERN DIVISION																								
A VANCE 5 ESE ARCADIA BIRCH TREE BLACK 6 NW AMPBELL		89.0 90.1 90.3 90.6	50.9 .51.6 49.0	70.D 71.0M 69.8	1.2 2.0	101 100 102 101	1 1 29 29		22+ 22+ 23	22 24 30	14 16 16	0000	0 0 0 2	0 0 0	.21 .30 .21	-2.43 -3.68 -3.47 -3.78	.12 .25 .21 .08	4 19 19 4	.0	0 0 0		2 1 1	0 0 0 0	0 0 0
APE GIRARDEAU MO ST A THERSVILLE CHARLESTON LEARWATER DAM CRYSTAL CITY 1 N		89.2 88.4 88.9 91.3 91.0	57.8 61.2 56.2 46.4 51.3	73.5 74.8 72.6M 68.9 71.2	.3	102 98 102 101 103	1 1 29 1+	41	22 22+ 22 23 23	11 2 13 29 31		0 0 0 0 0	00000	00000	.51 .18 .58 .42	-3.50 -3.03	.32 .18 .43 .39	4 19 4 19 4	T .0 .0	0 0 0 0		1 3 2 2	00000	0 0 0 0 0
ON PHAN FARMINGTON FARM NGTON CAA AP GRE-NVILLE 4 NNW S ON		91.7 89.5 87.3 92.4 90.5	50.9 53.8 52.4 49.6 54.3	71.3 71.7 69.9 71.0 72.4M	.1 2.1 .2 3.2	104 102 101 103 101	1 1+ 29 1+ 28+	35	23 23 23 22+ 22	15 19 31 20 21	19 13 12 20 20	0 0 0 0	00000	00000	.09 .23 .32 .12	-3.52 -3.57 -3.20 -3.26	.09 .13 .15 .12	19 19 19 19	.0	0 0 0 0		1 2 4 1 2	0 0 0 0 1	0 0 0 0
JACKSON KENNETT RADIU KBOA KOSHKONDNIJ LICK ING 4 N MALDEN CAA AP	R	92.3 92.2 89.3 88.2 89.3	54.4 56.8 59.1 57.2 56.8	73.4 74.5 74.2M 72.7 73.1	3.3 2.8 3.7	104 103 99 100 103	1 1 29+ 30 1	37	22+ 23 23 22 22†	11 7 11	22 20 19 15 14	00000	0 0 0 0	00000	.10 .05 .23 1.00 .45	-3.92 -3.41 -3.54	.10 .05 .16 .89	4 19 19 19	.0	0 0 0 0		1 1 4 2 3	0 0 0 1 0	0 0 0 0
MARBLE HILL PERRYVILLE POPLAR BLUFF PORTAGEVILLE		91.3 90.6 91.7	49.7 54.5 53.6	70.5 72.6 72.7	2 1.0	103 103 103	1 1 2	31 36 38	23 22+ 23	23 22 11	20 18 21	0 0 0	1 0 0	0 0 0	.04 .24 .45	-3.84 -3.44	.02 .16 .34	4+ 4 19	.0	0 0		2 2 2	0 0 0	0 0 0
ROLLA SCHOOL OF MINES		89.5	57.8	73.7	5.0	101	29+	41	22		14	0	0	0	. 87	-3.27	.42	19	.0	0		3	0	0
SAINT LOUIS WB AP AINT LOUIS WB CITY SAIN LOUIS UNIV S-INT LOUIS WASH UNIV SALEM	R R	86.1 85.0 86.7 88.0 88.3	58.6 62.3 62.9 58.7 54.1	72.4 73.7 74.8 73.4 71.2	2.0 2.3 3.9 3.0 2.0	102 101 102 103 100	29 29 29 2+ 2+	42 49 49 44 33	22 22	19 10 9	10 11 13 14 14	00000	00000	00000	.40 .55 .43 .51	-3.14 -2.83 -3.33 -2.79 -3.47	.21 .29 .31 .32 .19	4 4 4 4	.0 .0 T	0 0 0 0		4 5 3 4 3	0 0 0 0	0 0 0 0
SIKESTON IKESTON CROP EXP FARM NION 1 SE VICHY CAA AP MAPPAPELLO DAM		90.0 88.7 89.4 86.8 89.0	56.9 55.9 52.4 58.9 57.8	73.5 72.3 70.9 72.9 73.4	2.4 1.8 1.7	104 102 104 102 100	2 1 1+ 29 12	40 32 40	22+ 23 23 22 22	33	14 13 13 12 15	00000	0 0 1 0 0	00000	.42 .49 1.28 1.04	-3.46 -2.91 -2.82	.33 .47 .90 .70	4 4 4 3 19	.0	0 0 0 0		4 2 5 6 2	0 0 1 1 0	0 0 0 0 0
WEBSTER GROVES WEINGARTEN WEST PLAINS WILLOW SPRINGS		88.3 90.4 89.6 89.2	58.0 58.3 54.4 52.6	73.2 74.4 72.0 70.9	3.0	102 104 101 101	1+ 1 29 29	42 40 39 34	22 22 23 23	15 15		0000	0 0 0 0	0 0 0 0	.36 .70 .73	-2.41 -3.76	.32 .70 .62	4 20 18 19	.0	0 0 0		2 1 3 1	0 1 1 0	0 0 0
DIVISION				72.3	2.1										.43	-3.19			T					
STATE				71.9	2.6										1.22	-2.78			Т					

<sup>\*</sup> SATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AND STATE MEANS.

Table 3	T				-																						SEPTE	MBER	1953
Station	Total	1 2 3	4	5	6	7	8	9	10	11	12	13	y of m	onth 15	16	17	18	19 20	21	22	23	24	25 2	26 2	27	28	29	30	31
AOVANCE 5 ESE ALRANY ALTON 6 ENE AMITY ANDERSON 1 SW	.21 1.30 .15 .99	1.14 T	•12 •93 •85		7	т												.09 .15 T					•16 •06						
ANNAPOLIS 7 SW APPLETON CITY ARCAOIA AUXVASSE AVA RANGER STA	.60 2.93 .30 2.35 .33	T 2 • 42 • 04	.03 .16 .05 2.11 .33			T												•57 •35 •25 •20	T										
RELLEVIEW RERNIE RETMANY RIRCH TREE BLACK 6 NW	.00 .91 .92 .21		.85 .76	• 03		.03					т							•03 T •21					•13					1	
BLOOMFIELO BOLIVAR BOONVILLE WATERWKS BOWLING GREEN BRAOLEYVILLE	.25 1.85 2.12 1.59		1.56 1.98 1.12	-	-	• <sup>21</sup>	т -	-	_	_	-	-	-	-	-	-	_	.10 .10 .14 .26	_	-	_	т -	-	-	-	_	-	-	
BROOKFIELD BRUNSWICK BUFFALO BUNKER BURLINGTON JUNCTION	2.12 2.07 .74 .22 1.44	. 98 . 02 . 35	1.72 .61 .06															.41 .30 .13 .14					.08 .05						
BUTLER BUTLER CAA AP CAMDENTON CAMPBELL CANTON L ANO 0 20	2.72 2.40 1.92 - 1.35	2 • 48 2 • 16 T		-	-	19	T T	_ T	- T	•01 •07	-	-	-	-	-	_	.10 .17	•50 - •18	-	-	-	.01 T .15	.07 - T	-	-	-	-	-	
CAPE GIRARDEAU MO ST CAPE GIRARDEAU CAPLINGER MILLS CARROLLTON CARTHAGE	.51 .48 1.48 2.42 1.00	•93 1•22	•32 •32 •14 •40 •66	•02					•01 T	•09	•11 •12						-11	.07 .02 T .27 .65					•05 •04						
CARUTHERSVILLE CASSVILLE RANGER STA CENTERVILLE CENTERVILLE CENTERVILLE RANGER STA CENTRALIA	.18 .95 .08 .08	т	T •74 •04 •04 2•27	T						т	Т							.18 .21 .04 .04											
CHADWICK CHARLESTON CHILLICOTHE 2 S CHILLICOTHE RADIO KCHI CLEARWATER DAM	1.43 .58 .89 1.31 .42	•60 T	•03		т					• 05								.70 .10 .02 .21	т				•07 •27						
CLIFTON CITY CLINTON 1 NNW COLOMA COLUMBIA WB AIRPORT R CONCEPTION	2.19 4.00 1.73 2.72 1.40	2 • 30 1 • 25	1					•02							т	т	•25	T •35 •25				т	•06 T •15						
CONCORDIA COOK STATION CRANE MOUNTAIN CROCKER CRYSTAL CITY 1 N	3.09 .73 .25 2.21 .35	т	2.23 .51 1.04 .34			•03		т	•01					- 1	T			.83 .22 .25 1.08	т			• 09							
CUBA OEERING OE SOTO OEXTER OONIPHAN	.71 .05 .41 .66	т	.36 .42	•16		T			•01	•04								•25 •05 •01 •08 •09											
OON IPHAN 2 W EAST ENO EOGERTON EO INA ELOON	1.15 3.47			-	-	-11	- т	-	-	-	- 35	-	-	-	-	-	-	.08  .12 .48	-	-	-	- T	-	-	-	-	-	-	
ELOORAOO SPRINGS ELIJAH ELLINGTON ELLSINORE ELSBERRY	2.45 .11 .42 - 1.32	1+79	66	-	-	.17	-	-	-	-	-	-	-	-	-	-	- 42	•11 •42 - •34	-	-	-	• 05	-	-	- 15	-	-	-	
FAIRFAX FARMINGTON FARMINGTON CAA AP FAYETTE FISK	1.60 .23 .32 1.34 .28	*70 T +00 +21 T	•10			т		т	•01	т							т	•13 •15 T •11 •26	Υ										
FORSYTH FOUNTAIN GROVE WILDLIFE FREDERICKTOWN FREMONT TOWER FULTON 4 SW GALENA	1.38 .37 .62 2.73		2.12	-	т	-	-	-	•08	-	-	-	-		-	-	T	•29 •62 •53	-	-	-	T	Ť	-	-	-	-		
GALLATIN 2 NE GERALO GRANAY GRANT CITY GREENVILLE 4 NNW	1.01 1.00 1.27		.55 .32 .66 .74 1.08			•04											• 35	•26					•08						
GREGORY LANDING GROVESPRING HAILEY HANNIBAL HANNIBAL WATERWORKS	1.13 .28 .96 1.92		.90 .28 .14 1.35		17	.06		•02	.05	т				:		т	a 44	.17 T .27 .35					т						
HARRISONVILLE HAZLEGREEN 2 W HERMANN HERMITAGE HOUSTON	2.99 .91 1.00 1.83		2.48 .86 .54 1.83		.17			T								Ċ		.51 .05 .46	т										
JACKSON JEFF CITY KWOS JEFFERSON CITY JEROME JUPLIN CAA AP	2.89 2.31 1.06		010 2021 1050 042						•01 •03 T	T							•49	T •67 •78 •64				т	T						
KAMOKA KANSAS CITY WB APT R K C UNIV OF K C KENNETT RADIO KBOA VEYTESVILLE 4 NE	1.00 1.56 1.43	1.4	9 .85		•03	.15		T							_		.01	•05	_		_	• 02	•01		_				
KIDDER KING CITY KING CITY KINKSVILLE RADIO KIRX KIRKSVILLE CAA AP R	1.51		2 7	Ξ	.04	-	=	Ţ	Ē	Ξ	Ī	Ξ	=	Ē	-	=	- .45 •41	.16	03	=	-	-		-	-	=	=	-	
LA BELLE LAVESTOF LAMPE LAMPE LAMPE FOREST SERVICE  LATHROP 3 SW	1.06		1.71		-	-	-	;12	7	-	_	_		-	-	т -		•51 •36 •35	-	-			т -	T _	_	_		-	
LEBANGH 1 ENE	.67 1.95		1.41			.11			T									•04				Т	•03						

Table 3—Continued	7												Da	y of n	onth			-									_		SEPTE	
Station -	Total	1 :	2 3	4	5	6	7	8	9	10	11	12		14		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
6 NO 6 N NN 5 2	1.00			1-20	)	.04													.89 .01						•07					
ANA STARKS NUR	1.67	·	65	1.36 1.51	7	+31	.23										т		.27											
TUCKOUT AT LOCKOUT	. 9t T 1.40	, ,	. ,	1.11			.11												T						.05					
SON R	2.05			1.30	3													.03	.75		т									
م ۱ ۱ ۱ ۱ ۱ ۱ ۱ ۱ ۱ ۱ ۱ ۱ ۱ ۱ ۱ ۱ ۱ ۱ ۱	.04		1.0	.54	,														•10 •02 •53											
क्षाचीहै। बंग्धाल विद	2+43 +55 (+84		•0	1.48			т											Т	•19 •36											
리카늄 Lt. ME에] 된 유 선 Կ၀	1.43 .98 1. 0 2.50		1 + 3.	.67			.07 .07		т									.02	•22						.09 7	Ŧ				
ETTER 5 RE	1.91			2.29	7		.15												.30		1									
.AN   RLY GAL RNLN  -TT  G C TY	1.36		•	1.20	0	22	.05		.10										.10 .07 .25											
e CTV	2.09			.59	9	. 23				т	.05								.18									_		
MIAIN GROVE 2 N	.16 .61 1.12		9.60	10 11	3					T	т							Т	.08					7						
A DA A DA A DA A DA A DA A DA A DA A D	3.40			3.02	?		.15				Т								.46					Т						
FL RENCE MADRI INVER 1 E	1.69			- 90 T	ō _	T _	-	_	_	.05 T	Т -	_		_	_	-	_	_	.74	_	_	_	_	Т _	_	_	_	_	_	- 1
SA TOWER	1.90			1.90	-	-	- т	-	-	-	-	-	-	-	-	-	-	-	т	-	-	-	-	-	-	-	-	-	-	-
EGON CEDLA 3 NE ENTY LLE	2.58			2.70	5	T _	_	_	_	-	_	-	_	_	_	_	_	_	.02	-	_	-	_	_	•0R	-	_	-	_	_
ARA ARA BEAC⊷	41			- 40	0	-	-	-	~	-	~	-	-	-	-	-	-	-	.01	-	-	-	-	-	-	-	-	-	-	-
(15 °   w= 4 A 	2.42 2.20			1.66	6 6		.35			,	•00	.18							.41 .37		_				Т		т			
SOAN JCTF	.13			•11						т	т			т					.06											
ASANT MILL	.97 3.05 1.37			2.8:	2				7	т									.20 .15 .20						.08					
TAGEVILLE	1.20			7 •1	_	-	-	-	- 06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	-	-	-	-	-
Thick	.26		*0	1	5				.00	Т									.11											
(me )/l ^	.42			. 3 . 4.	2		•05												.07											
LA S M OL - MINES IN SPE NG INT MARLES	.0 .75			.6	0		,0°			Т	•05								.07		т				.02	,	• 0 3			
INT JO EPH WA AP R	1.17		1.0	0 .2	1	T •08				т	т		Т				T	T T T	T .19	Ī				• 0°	4	• 01	1			
NT S I MAP R NT I MA CITY R NT IS NIV	.55 .43		* O	2 • 2 • 3	1	.04	.04			•01	•10						T	Т	.05		Ì									
LISHURY FH AL AN 2	1.76		. 5	1 .8	2							• n s						.36							•02					
A A I MAN	1.54 2.49 1.09			2.2	0		.14			Т		1							.13 .29 .28											
VIA D & NORF PLA NA BYY L E	.71 1.50 1.71			1.1	7	. 35	•06											•10	.07	т				т	-06					
FSTON CRIP EXP FARM	.42			.3	3 .02	, • //				т	T	.01						• • • •	.06	Ť					7					
LOAM PRINS PHOFIL MA APT R VILE 2 N	.6 .33		- 1	8 T						т								.15	.78									1		
6 6 6 5 Mg W	2.85			1.0	2		.23						1						.20											
L +Au 5 E	.85 .23 1.61			.7	1 8		7		.01	T	•02						Ţ		.06 .72 .17					т	.07					
ET SPP N S RW UNSEM 2 N	2.80		1.6	2 •5	40	.08		T									Т	.10							•09	,				
PAZ & WF	.02 .15 .87			•1	4		.04						1						.07						.09	9	т			
104   15   0471C  E	1.28			.6	0		.10				.24						Т		.35						.ne					
LLFY DADE DFN ALIA	.40			.3	3 .01	3	7	_		•01		_					_	_	.03	_	_	_		_		_	_	-		-
WZANT & SF	- 12			-1	2 -	-	_	_	_	_	-	-		-			-	_	-	_	-	-,	_	-	-	_	_			-
CHY AA AP C PPAP L DAM	1.04 1.99		+1 T	1.5	8		7		T	•04								.16	.47	т				.0						
PRENTON 1 N	2.01			1.6	6	т	.03			т									.54						т					
PSAW NO 1 RSAW NO 2 SOLA	2.39	-		2.2	7 4	-	-	-	-	-	**	-	-	-	-	-	-	-	•32		-	-	-	т	-	-	-	-	-	-
AVNESVILLE 2 #	2.34		• 1	1 .3	7														.05					т	T			1		
FASTER GROVES - NGARTEN EST PLAINS	.36 .70		т "с	• 3	12	T			T T	•04				T				. 6												
LL AMSVILLE	. 14		т																.32											
NOSOR 3 NH LMA 5 E	2 • 78 • 13		• 1	2 - 5	0.0														*27 T											

Table 5										_	LLI	1.						Marth	_											51	RTEMBE	
Station		. 1							,		Τ.,		10	,,,		1		Month 17	-	19	20	21	22	23	24	25	26	27	28	29	30 31	Average
- Annual Free		1 1	2	3	4	82	6	7	8		10		Ť		94		16		-				73		-				!	99	91	
AOVANCE SESE	MAX	101 58	94 64	60	88 59 75	48	89 43	83 52 80	42 87	90 47 92	93 53	91 67 92	91 62	80 43 82	55	86 45 85	88 51 88	93 47	98 50 92	59 87		67	35 77	80 35 84	84 50 89	85 61 78	86 50 93	86 53 87	95 41 104	46	51	50.9
ALBANY	MAX	68	63	56	47	84	52	42	52	60	56	59	49	41	0.6	46	38	63	61	41	57	45	31	49	50	53	49	38	60	59	45	86.9 50.9
AMITY	MAX	98 72	9 B 6 B	92 55	76 49	83 50	85 59	81 46	87 54	96	96 65	95 62	53	81	86 50	52	87 47	67	93 65	86 46	63	70	70 38	50	88 58	53	94 56	43	62	95 75	83 51	87.4 55.4
ANOERSON 1 SW	MAX	60	94 54	60	76 48	80 41	47	85 50	92 48	53	93 60	95 61	52	89 42	90	90	96 49	96 52	53	87 56	91 46	86	76 34	82 40	47	90 48	92 54	54	51	62	88 49	89.6 50.5
ARRLETON CITY	MAX MIN	67	63	61	77 52	83 49	89 55	81 55	88 57	96	98 66	99 68	86 55	90	90 67	53	93 57	98 64	98 61	85 55	87 54	72 48	76 41	83 50	59	85 55	95 59	53	105 59	72	60	89.9 57.7
ARCADIA	MIN	100	95	92	89	82	88	88	88	92	92	98	98	90	86	92	90	95	92	89		88	80	79	83	85	86	88	96	98	95	90.1
8ETHANY	MAX	66	98 61	96 55	75 47	83 44	85 51	78 40	84 49	93 62	93 56	94 59	50	79 37	82 46	85 46	84 38	101 68	98 72	84 68	89 58	70	74 30	80 48	85 5 <b>5</b>	81 52	93 56	82 48	102 56	98 74	82 44	87.0 52.6
8IRCH TREE	MIN	100	92 60	90 70	83 58	83			88 40	92 50	93 56	97 54	63	91 60	92 42	91 45	93 50	96 55	53	87 62	95 45	90 47	74 34	79 34	85 42	88 57	89 53	92 50	90 46	102 62	92 55	90.3
8LACK 6NW	MAX	100	96 58	95 59	89 57	82 42	89 42	86 50	89 40	91	92 56	98 51	93 58	82 40	87 56	91	91 47	96 51	94 50	89 62	96 42	95	74 32	79 31	84	88 53	89 53	89 54	99 42	101 52	95 60	90.6
BOL I VAR	MAX	99 71	96 67	88 63	77 53	81 51	87 56	83 58	88 55	94 66	95 71	97 73	86 59	87 50	89 67	91. 54	94 58	98 67	94 68	87 62	92 59	76 48	76 40	83 47	82 62	89 58	94 66	93 59	103	99 74	89 61	89.6 60.4
BOONVILLE WATERWKS	MAX	97 75	98 69	96 69	91 53	74 53	79 55	80 52	76 52	80 56	90 63	92 65	92 54	76 44	77 46	79 53	86 52	83 54	95 67	94 58	80 57	80	65 41	70 44	77 50	77 60	81 58	91 53	82 54	100	96 59	84.5 56.0
8ROOKF [ELO	MAX	103 76	100 68	97 61	78 51	85 51	83 53	84 46	87 51	94 64	94 65	99 69	90 60	81 41	85 52	93 49	89 44	99 67	96 68	87 52	84 54	75 45	75 36	82 51	80 59	81 59	95 52	93 46	102 55	98 71	94 55	89.4 55.7
8RUNSWICK	MAX	98 72	100 67	98 70	92 53	75 52	81 56	83 50	78 50	83 56	91 64	91 66	95 58	77 45	76 47	8 0 5 1	90 47	84 52	96 65	94 54	78 54	81 48	66 39	72 40	79 56	76 56	78 51	92 48	82 53	100	95 57	85.4 54.6
BUTLER	MAX MIN	99 69	97 65	90 60	76 52	83 48	89 56	82 54	88 61	93 68	95 72	97 73	85 56	87 57	87 62	90 54	91 56	98 66	96 66	84 54	85 57	75 45	76 39	82 54	77 63	85 58	94 63	90 57	103	98 75	91 59	88+8 59+3
BUTLER CAA AP	MAX MIN	99 70	97 66	85 55	76 50	82 49	88 56	80 52	90 59	93 67	95 72	97 64	83 53	88 49	90 61	92 53	91 55	96 68	94 62	83 53	85 57	70 46	74 38	82 52	78 62	84 55	93 62	90 49	103	98 67	85 55	88.0 57.3
CAMOENTON	MAX MIN	101 68	98 67	93 67	76 58	81 47	83 49	88 51	87 48	96 60	96 66	96 68	93 55	81 44	85 65	89° 50	92	100	97 64	84 58	91 54	81	74 36	83 42	84 57	84 55	94 58	89 54	103	101	96 58	89.9 56.2
CAMPBELL	MAX									1																		ł				
CANTON L AND 0 20	MAX	99 70	98 64	94 62	76 54	80 50	81 58	76 46	79 47	81 57	87 64	96 62	78 55	71 38	72 55	88 47	81 45	83 55	94 66	81 54	77 56	68	68 34	73 44	78 54	73 56	92 46	87 46	97 <b>4</b> 7	99 68	88 57	83.2 53.3
CAPE GIRAROEAU MO ST	MAX	102 66	101 68	98 68	91 58	81 55	89 52	83 59	84 54	89 57	92 61	98 64	88 64	78 48	94 61	85 50	88 58	94 59	98 62	89 63	93 54	83	73 43	80 45	85 55	83 62	85 59	86 58	95 54	99 61	91 61	89.2 57.8
CAPLINGER MILLS	MAX M IN	98 68	98 61	89 63	77 53	80 47	86 53	83 55	90 54	95 67	95 70	96 74	82 52	89 44	88 66	89 49	92 50	98 65	96 66	89 58	90 55	78 42	75 35	82 47	81	85 52	94 62	90	104	98 72	89 60	89.2 57.2
CARROLLTON	MAX	100	98 64	92 5 9	78 50	84 47	87 53	78 46	84 52	93 63	94 62	98 61	82 55	78 42	84 57	92 49	85	99 62	96 56	78 50	82 55	70 46	72 36	79 46	79 55	79 57	92 52	83 47	100	94 71	82 57	86.4 53.8
CARTHAGE	MAX	97	95 62	90 62	77 51	82 46	88 52	85 55	94 55	95 65	95 71	97 72	90 56	90 46	91 62	91	98	96 69	94	87 59	92 55	80	78 37	83 48	87 62	91 57	94 66	95 58	103	98 76	90 61	90.8 58.0
CARUTHERSVILLE	MAX	98 70	93	95 70	91	80 59	86 53	84 61	84 59	89	91 62	95 68	89 66	80 57	91 58	89	89	94	94	89 66	89	85	75 51	80	84	83	81 59	88	94 55	97 56	94 64	88.4
CHARLESTON	MAX M1N		100	98	84 61	82 52	88 51		85 49	91	94 61	97 68	85 61	79 47	94 59	90 49	90	95 53	98	86 65	85 56	79 55	73 41	81 42	85 53	79 64	85 56	88 57	95 48	97 57	92 59	88.9
CHILLICOTHE RADIO KCHI	MAX	98	98	93	76 43	84	84	80 44	83 46	93	94 61	99	89 52	80 39	84 50	90 46	85 39	98 65	96 64	86	81	72	73 31	80	83	80	94	92 37		101	94 56	88.1 51.4
CLEARWATER OAM	MAX	100	96 56	98	90	82 41	90	88	88 39	92	95 48	100	97 55	82	91 52	89 43	91 44	96 44	96 47	91 56	95 42	93	73 36	80	85 36	86	89 48	88	97	101	99	91.3
CLINTON INNW	MAX	100	98	90	77	82	85 51	78 54	86 64	94	96	98 52	80	81	87	91 48	96	88 63	95 56	81 54	85 43	69	73 49	80 60	78 54	82 54	93 54	87 52	103	97	83	87.1 55.1
COLUMBIA WB AIRRORT	MAX	100	97	94	77	81	83	76 52	82	90	92	94	80	76 43	81	88	85	97	97	80	82	68	70	78	80	82	92	83	99	99	82	85.5
CONCEPTION	MAX	99	98	97	74	80	81	80	88	93	93	91	87	80	83 49	86 54	52 87	100	98	84	56 82	71	76	82	62 87	85	90	55 86 45	104	103	91	87.9
CRYSTAL CITY IN	MIN	103	99	99	93	50 82	90	90	53 88	89	95	63 98	51 95 60	76	84	90	89	62 96	98	92	61 96	87	37 69	78	87	90	92	86		103	98	91.0
OONIPHAN	MIN	104	90	98	88	45 87	93	90	87	92	96	102	90	39 85	88	92	95	98	98	93	45 98	82	76	33 84	87	86	90	58 86		102	95	51.3 91.7 50.9
EDGERTON	MIN	58	62	62	65	45	44	55	44	46	51	57	58	44	56	46	49	50	51	53	46	56	35	34	42	60	53	54	44	53	55	30.9
ELDON	MIN	100				82	86	83	87	93	95	96	90	85	84	90	88		95	88	86	79	73	81	77		91		100		90	88.5
ELSBERRY	MIM	}	72 101		1	55 78		57	51 77	61 80		65 95	57 96		67 74	53 78	53 89		67 95	59 97	59 80	85	41 68	73	59 78			53 94	59 80		58 104	58.7
FARMINGTON	M1N MAX	102	97	98	87	82	90	82	88	92	95	99	89	81	87	91	89	95	98	84	86	80	73	81	85	89	90	86		102	89	89.5
FARMINGTON CAA AR	MIN	100	63	64	54	50	89	53 78	43 86	90	65 93	98	80	80	59 85	46	53		97	61	46 95	71	37 71	36 79	51 83	59 88	57 89	58 84	51 95	62	61 83	53.8 87.3
FAYETTE	MIN	58	62	65		49	85	77	83	46	65	65	55	76	55	89	49	53	61	50	46	71	38 72	35 78	77	62		50		64	64	86.1
FOUNTAIN GROVE WILDLIFE	MIN	69	62	63	52	51	55	79	50	61		66	55	4 I 88	57	43	85	65 97	64 94	55	54 81	46	39 72	79	57	59	55	48		70		55.0 87.6
FULTON 45W	MIN	68	100	54	49	48		45	45 78	54	65		40		49	47 81	46	55	62	48	55	40 83	31	33	491		40	39	55	48	48	87.0
. 0211711 4711	MIN		67				54		49	54				40		50	88 49	88 54	66		55	46		43				54		61	59	54.4

See reference notes following Station Index.

# DAILY TEMPERATURES

Table 5-Continued	-	_								_							0( )	( 1)										-				2
Station	•	1	2	3	4	5	6	7	8	9	10	11	12	13			Of N			19	20 2	21 2	22 2	3 2	4	25 2	26	27	28	29	30 31	Average
	MAX MIN		97	92	74 48		80			90	93	93 63	78 50			85	85 1 50		95 58	84 42								83	102	94 74	82 48	85 • 4 53 • 6
REENVILLE 4 NNW	MAX	103	97	99	92		90			93	97 53	101 55	95		94 54	92	93	96	97	89	96	93	76 1	82 8	36	87	89	90	99 :	103	97 51	92 • 4 49 • 6
	MAX MIN	100	99 73	95 58	75 54		83			81	89 63	96 68	73 54	71 45		88			93	76 59								78 53	98		80 59	83 • 2 56 • 7
HARR ISDNVILLF	M A X M [ N	99	97	88	78 47		89			92	95 69	98 70	84	87 49		93			95 64	83 49								87	101	97 73	85 56	88 • 2 57 • 0
€ RW IT A GE	X A M M I M		97 53	90	80 49		87 47		87 45	94	95 59	97 63	86 48	86 37		91			96 52	88 57							95 49	92 45	102	100 71	93 49	89 • 6 48 • 5
	MAX MIN	100	95 62	94	8? 56	83 46	89	85 52		95	94 58	99	90 58	85 41	91 63	94			93	85 62					35		91 62	92 58	101	101	90 59	90 • 5 54 • 3
	MAX MIN	104	103	98 66	91 60		93	87 59		92	94 60	100	92 64	84 46	95 59	92 46			99	90 55					36		89 58	90 58	97 45	102 55	94 58	92 • 3 54 • 4
JEFF CITY RADIO KWOS	MAX	101 69	99	95 69	76 54	81 50	84	78 50	86 48	93	94 61	96 74	87	80 42	82 66	89	85 I 46		96 69	86 62					79		94 53	84 57	102	101	84 60	87 • 4 56 • 4
JOPLIN CAA AP	MAX MIN	96 70	93 69	81 57	75 52	81 52	86 58	83 60		94 68	94 73	95 72	82 59	89 55	88 64	88	96 60		95 65	82 60					35 64		93 69	95 60	104	97 74	87 64	88.5 62.0
CANSAS CITY WA APT	MAX MIN	97 78	90 75	82 57	75 54	82 55	85 65	80 55	87 63	93	97 74	95 69	79 60	87 55	85 65	90	88 55		90	86 53					B7 65	79 61	94 65	88 52	103	96 70	83 59	86 • 8 61 • 3
K C UN'V DF K C	MAX MIN	92 72	98 66	98 55	76 51	85 48	88 56	83 50	88 60	95 63	98 65	97 74	80 55	88 50	87 64	91	89 1 50		93	90 58				83 53		80 58	94 58	53	104	97 68	83 59	88.7 57.7
RENNETT RADIO KROA	MAX MIN	103	10D 73	98 65	92 63	84 51	89	88 57		92 53	94 56	101	95 65	85 50	96 56	93			98 56	92 65					86		85 57	92 57	97 48	101 56	97 60	92 • 2 56 • 8
K 100E R	MAX																															
KIRKSVILLE RADIO KIRX	MAX	99	96 66	91 54	74 50	80 44	82 55	76 46	79 42			96 61	80 52	75 35	79 48	88 52	84 42	95 62	94 59	80 46		65			80 58	76 57	45	91	99 53	94 73	87 51	84.1 51.6
KIRKSVILLE CAA AP	MAX	99	96 66	91 54	74 50	80 49	82 55	76 46	80 51	87	89 58	95 61	72	74 35	78 49	88 49	84 45		94	78 49		64			79 58	76 55	91 50	81 45	99 53	94 67	82 54	83 • 4 52 • 2
KDSHKONONG	MAX	94 68	92 74	85 68	85 61	83 54	90 56	90 59	87 49	91 59	95 59	95 63	92 66	84 52	90 60	90 55	90 61		92 63	87 60	95 55	95			81	86 60	87 60	92 62	92 59	99 67	99 65	89.3 59.1
LAKE510E	MAX	99	99 58	96 60	92 54	78 49	83	88 50	80 47	88 48	93 56	96 64	96 60	81 43	8 4 46	85 48	90 46	90 47	99 59	96 62	81 49	87 43			81	83 55	86 53	94 55	89 51	102 54	100 56	88.7 51.3
LAMAR	MAX MIN	97 68	98 63	97 68	82 50	77 47	81	88 59	82 57	93 63	95 66	95 66	97 55	84 47	90 63	90	91 59	97 61	97 67	96 55		90	93 37		84	85 55	89 65	94 57	94 64	104 70	99 59	90 • 9 57 • 6
LATHROP 3SW	MAX																															
LEBANON 1 ENE	MAX MIN	98 68	93 65	93 68	78 54	78 46	86 56	82 56	88 58	93 60	97 66	98 72	86 56	87 42	87 67	92 50	93 49		95 64	83 61		76 42	75 33		88	89 58	93 61	91 60	103	100	90 57	89.5 57.4
LERINGTON	MAX MIN	99 76	101	98 73	85 52	76 54	82 58	84 52	79 56	87 61	94 68	95 67	95 56	79 50	83 55	86 56	91 54	87 57	98 72	94 51		82 48	68 43		82 56	80 58	82 60	93 52	86 55	103	96 57	87 • 4 57 • 9
LICKING 4N	MAX	95 65	97 65	93 66	92 56	77 49	82 58	87 50	84 47	89 59	92 66	95 65	95 63	79 57	85 57	85 48	92 55	94 60	95 60	91 62	81 56	92	70 37		77	83 60	89 62	88 58	92 57	99 69	100	88 • 2 57 • 2
OCK#700	MAX	98	97 68	8 9 6 5	78 50	74 47	87 53	93 59	95 67	97 72	98 70	99 72	90 55	99 47	91 66	91 52	96 58	98 70	91 67	85 60	92 62	77	77 39		85 55	90 58	95 65	92 55	103	100 75	88 66	91.1 60.0
_OUISTAMA STARKS N	MAX	102	100	100	78 55	82 49	85 51	78 48	81 4?	84	90 61	95 60	83 58	77 37	80 58	87 43	85 42	93 52	96 65	85 62	83 50	69	73 32	78 34	84 56	83 58	94 44	83 48	100	103 74	92 61	86 • 8 52 • 7
MACON	MAX MIN	98 72	99 69	97 69	94 49	76 48	82 51	85 47	77 47	81 50	89 60	91 61	97 51	76 38	76 49	80 49	91 48	85 49	96 63	94 50	81 52	81	66 35		77	79 55	80 48	92 52	82 50	100	96 53	85.7 51.5
MALDEN CAA AP	MAX	103 66	91 73	99 67	81 59	83 52	89 52	85 57	85 51	91 55	94 60	101 68	86 61	80 50	95 57	8 6 5 2	89 58	95 55	96 62	88 62	96 55	81	73 42		85 53	83 62	84 56	90 58	97. 51	99 59	92 59	89.3 56.8
ARSLE HILL	MAX	103 58	96 62	98 61	97 60	85 45	261	85 52	00	92 43	93 54	100	92 57	83 42	94 58		90 45	95 46	98 57	95 58	96 44		75 34	82 31	85 40	85 63	88 53			101 47	94 53	91 • 3 49 • 7
MARSHALL	MAX MIN		99 65			81 52	83 58	79 50	85 53	93 65	95 65	97 70	91 51	79	83 58	92 48	86 45		97 66	80 55		73 55	74 40		79 59	82 56	93 59		101 54	99 78	92 56	88 • 6 58 • 2
ARSHF1FLD	MAX M[N		94 64			79 45	88	86 55	84 56	93 64	95 68	95 65	92 56		87 63	87 52		97 66		81 57	93 54	79 58	74 42		86 59	87 60	91 63	90 60		99 71		88 • 9 58 • 5
APYVILLE	MAX HIN	98 69	97 67	90 58	73 49	81 48	81 55	78 49	85 57	90 61	91 62	89 63	87 51	78 46	80 49	83 53	83 49	98 61	86 57	84 46	78 59	65			84 53	79 52		83 48	102 58	92 73		84.5 54.4
WPHIS	MAX MIN	10? 72	102 69	100 71	95 51	77 49		78 46	81 50	82 50	85 61		99 54		75 38	83 40	91 48		95 65	98 48	92 51	75 45	68 36	75 38	78 48	82 59	78 50	94 46	84 49	101 63		86.5 51.6
%t x 1 C D	MAX	101 74	103	9 9 7 1	98 53	77 49	82 56	85 49	78 50	85 55	91 61	90 64	95 55		79 51	79 52	88 49	85 55		95 59	81 57	82 45	68 39	72 43	81 52	83 59	83 54			98 60		87 • 0 55 • 0
MONX I CAR VIRSED	MAX MIN	100 70	9.8 65	94 61	75 52	80 49	83 55	83 49	81 51	89 61	93 59	94 65	84 54	76 40	80	88 49	84 47	97 65	96 66	84 56		70	72 39	78 46	80 60	80 57	94 53	82 49	1 00 48		93 58	86 • 3 55 • 0
47A4ETT	MAX		9 <b>6</b> 60	64	81 52	78 46	80 50		88 62	91 68	94 71	94 72	94 66	92 58	90 66	95 56	92 57	92 62	96 62	93 60		92 46	74 44		84 58		92 67		95 68	101 68		90.0
WINTAIN GROVE 2N	MAX MIN	97	70	97	81 54	91 48	89 55	87 55	85 56	92	94 67	97 67	93	85 44	91 63	93 54		96 66			95 54	91	75 37		85 55		90 60		100 61			90 • 5 58 • 2
- INT VFRNAN 35W	XAM	97 66	96 61	88	77 51	81 46	89 52	85 58	91 54	95	96 70	97 71	89 58	89	90 64	91 49	96 52	97 68	94 63	85 60	94 52	79 46	74 35	82 45	87 60	90 56	93 65		102			90.0 57.7
05H7	XAV-		93	91	76 50	81 42	87 48	85 52	92 50	92	93	69		99		90 48			93 61		91 54	84	77 35	83 46	86 53	88 53	92 62		101			90.1
EVA. A	MAX				79 51			84 59	93 61	94	93	99 73	94	90	91 63	92 56	95 58	96 69		89 55	87 60	78 48	77 44	83 52	85 62	85 58	93 66		104	9 <b>7</b> 76		90.7
# FLORENCE	MIN	101	73	77	77 53	91 48	87 54	77 50	93 51	59	92	95	88 60	79 41	78 61	50	86	97 63	97	88 61	85 57	70	72 38	78 44	83 56	85 60	94 58	84 53	99	104 73	87 58	87.4 57.2

Table 5-Continued										I		_	-				01	LLL			_	-	_	_						5	EPTEMBE	-
Station		ļ,						1					- 1		1	Day	Of	Mont	h													Prage
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Av
OREGON	MAX	96 73	96 70	86 54	74 48	82 50	82 60	78 50	84 59	97 64	89 66	85 64	72 51	80 50	83 54	82 50	83 51	100 68	92 62	86 46	81 63	71 48	73 41	79 54	86 60	77 51	88 59	85 48	102	96 73	8 G 5 1	84.7 56.9
OZARK BEACH	MAX	98 65	99 61	98 61	92 57	83 48	85 51	92 54	90 49	92 57	97 59	98 : 59	100	87 45	91 57	95 51	95 52	98 : 56	101	97 61	88 48	99	79 39	79 38	81	80 53	93 56	96 56	86 53	102	100	92.4 53.7
PERRYVILLE	X A M N I M	103	98 67	99 68	90 57	81 51	90 47	87 59	85 44	90 48	93	100	94	79 43	9n 61	88	86 55	95 51	100	93 63	95 47	93	71 36	80 36	84	86 63	89 56	84 58	96 49	102	96 64	90.6
POPLAR BLUFF	MAX MIN	100	103	95 62	97 64	90 52	86 45	92 56	90 45	90	93 54	94 :	102	90 48	83 53	97	90 52	93 50	97	96 64	88 50	96 59	84	77 38	82	85 64	86 54	87 57	92	97 51	100	91.7
PORTAGEVILLE	MAX																															
PRINCETON	MAX	98 65	97 62	94 57	74 45	82 45	81 50	80 41	85 46	97	92 55	94 50	94	80 37	82	96 37	82 38	98 66	95	86 42	87 41	39	73 30	80 54	85 55	49	92 50	86	100	99 76	91	88.4
ROLLA SCHOOL OF MINES	MAX	98 68	100	9.8 6.9	96 54	78 52	81 55	88 55	80 50	88 58	95 68	93 64	97 58	87 46	84 51	85 54	92 57		100	96 58	85 56	95 49	72 41	73 43	80	88 61	88	92 59	89 62	101	101	89.5 57.8
SAINT CHARLES	MAX	104	102	100	80 58	84 54	90 55	81 55	86 50	90 56	95 63	99 65	88	78 45	80 63	91 50	90 54	95 60	98	90 65	92 54	71 49	75 40	79 44	86 52	89 64	95 <b>5</b> 5	85 58	100	105	91 64	89.6 57.9
SAINT JOSEPH WR APT	MAX	97 70	96 69	82 53	73 49	82 50	82 56	79 50	86 58	93 65	94 63	91 62	77 52	85 51	83 54	84	85 45		82	86 44	74 51	66	75 36	82 53	88	7 <b>7</b> 56	92 57	86	103	92 67	82 53	85.2
SAINT LOUIS WE APT	MAX	101	101	97 66	77 56	80 53	87 59	78 54	83 51	88 59	92 64	96 69	77	77 47	77 59	88	84 55	94 61	96 68	78 61	89 58	68	72 42	79 46	85 58	86 63	91 58	80	97 59	102	82	86 a 1 58 a 6
SAINT LOUIS WE CITY	MAX	100	98 76	96 71	76 57	79 59	85 62	75 59	83	87 63	92 65	94 72	76 59	75 53	76 63	87 58	84	92 63	95 71	77 65	90	67	71 49	78 51	84	85 64	90	80		101	81	85.0 62.3
SAINT LOUIS UNIV	MAX	100	98 77	97	80 56	79 58	86	77	82 58	87	93	95 72	90	75 53	77	87	83	93 63	95	88 66	90	72	70	77 51	84	85	90	81	95	102	92	86.7
SAINT LOUIS WASH U	MAX		103	100	98	78 55	81	89 56	79 52	84	90	94	96	79 48	77	78 52	90	86 63	95	97 65	79 56	93	71	72	80	87	88	92	82	98	103	88±0 58±7
SALEM	MAX		100	98 66	96 55	78 45	82	89 52	82	87 52	92	92 62	92	80 41	82 53	86	90	89 60	95	96 61	81 50	95	72 33	72 37	78	84	89 58	90	86 58		100	88.3
SAL ISBURY	MAX	101	98	95	72 52	83	84	80	86 50	93	93	96	79	80	83 53	91	88	98	96	82	85 54	70	74	81	80	81	93	86	102	98	86 55	87.1
SAVERTON L AND 0 22	MAX	1 -	66 100 69	96	75 56	82	85 59	76 53	77 52	80	62 90 64	66 96 66	86	72 46	73 56	89	85 51	65 90 64	67 96 69	54 82 62	79 60	45 69 52	38 70 42	47 74 46	59 84 58	79	53 93 52	49 84 57	55 99 54	70 102 77	93 62	55 • 3 85 • 2 58 • 5
SEOAL1A	MAX	99	98 69	94	75 52	80	85 58	84	85 55	93	95	97 72	94	80	83	91	88	97 71	95 69	90	82	75 45	72	79 50	78 64	80	92	90		100	94	88.2 59.3
SELIGMAN	MAX	96	96	87 68	74 51	78 49	80 54	83	91 58	91	93	91 68	87	88 53	89 64	88	95 61	95 64	91	85 58	90			83	86 56	88	91 65	93	101	96 61	87	89.0
SEYMOUR 4NNE	MAX	95 59	96 60	94.	85 51	80 41	85 47	84 53	87 53	8,9 5.4	96 55	94 57	86	89	86 50	89	92	96 60	93	82 55	99	78 44	74 37	83	87	89		92		103	90	89.5
SHEL8INA	MAX	99	97	95 65	72	82 45	85 52	76 44	80	89	91	96 67	88	75 34	78 52	90	89	95 64	95 66	91 53	82	70	70 32	78	80	81	92	91	98	98 72	95	86.6
SIKESTON	MAX	102 67	104 72	98 68	99 63	78 52	83 51	89 58	84 48	86 55	92 62	93 66	100	86 49	82 60	96 50	89	92 54	95 59	100	86 56	95 58	79 42	75 42	83 51	86 58	82 58	81 58	89 48	97 56	100	90.0
SIKESTON CROP EXP FARM	MAX	102	96 72	97 66	89 60	81 51	88 59	82 57	84 49	90 52	92	99 65	89 62	79 50	94 55	85 49	88 54	94 53	97 58	87 64	93 54	80 58	73 43	80 40	85 49	80 64	85 56	88 56	95 47	98 54	91 57	88.7 55.9
SPRINGFIELO W8 APT	MAX	95 70	93 68	85 57	75 52	78 51	87 54	81 58	88 59	93 67	95 67	95 73	80 57	87 51	87 65	88 58	93 59	96 66	92 64	83	92 56	70 49	74	79 50	85 59	89 61	92 64	91 62	101	98 70	84 60	87.5 59.8
STEFFENVILLF	MAX	99		95 63	76 52	82 50	84 57	76 47	79 48	83 55	89	96 65	89 55	73 38	82 51	89 48	83 47	95 58	95 69	82 52	81 58	67 44	70 35	77 42	80 59	79 58	93 45	86 48	98 50	98 74	86 56	85.3 54.1
SWEET SPRINGS	MAX	102	100	94 60	79 50	84 47	86 54	79 49	85 53	94 63	96 62	97 69	86 53	81 42	85 61	92 47	87	98 69	97 66	83 53	84 55	71 43	74 33	80 48	78 59	83 57	95 55	86 45	104	98 75	88 55	88.2
TARKIO	MAX	96		90	74	82 47	80	80 45	87 54	89	90	82 61	77 51	82	82 48	83	85 42	96 59	84 61	84	75 58	67 42	76 32	83 51	85 52	79 48	88 51	84 38	102	90 72	81	84.3
TRENTON	MAX	97	90			83 52	82 55	10	84 53	93 64	9.7	20	90 55	77	83 43	91 50		100		84	80 56	74	74	80 51	02	81 57	92	84 47	102		86 54	86 • 9 55 • 8
UNION 1 SE	MAX		104	98	79	82	89	80		89	92	97	86	79 40	82	92	88	97	99	87 63	95 45	77	72	80	87 42	88	93	84	100	104	93	89 · 4 52 · 4
UNIONVILLE	MAX	97	95	82	73	80	77	78 48	81	88	90	95	78	75 39	78	85	84	95 63	91	81	77 56	64	70	77	80	74 55	91	80	97	92	80	82 8
VANDAL [A	MAX																				-											
VERSAILLES	MAX																															
VICHY CAA AP	MAX	99					86 58			93		95 68	80	81 47				97 66			92 57	69 48		79 48	84 59	85			101		82 61	86 • 8 58 • 9
MAPPAPELLO OAM	MAX	95	99	86	95	80	85 52	90	86	86	90	93	100		81	95	89	90	94	96	88	95 58	78		81	83	85	86	90	95	99	89.0
WARRENSBURG C T C	MAX	100	98	94	77	83	87 62	81	87 58	93	96	98	90	84 51	86	93	89	98 71	96	83	83	76 50	75	82 52	78	82	93	88	103	98	92	88.8
WARRENTON IN	MAX	104	101	99	90		89	78	84	89		97	94	81	83	90	88	97	99 71	92	85 55	78	74	81	86	86	94	90	100	104	98	90.2
WARSAN NO 1	MAX		1			72		51)			.,,,						30	39		0,1	,,	7 /	,,,	41	,,,	02	50	,,,		.,		
WASOLA	MAX	100	97	90		82	90 57	87 57	87 53		95 64			88 54	92 58		24			82	97	79				90			103			90.6
MAYNESVILLE 2m	MAX	100	95	94	79	83	90	82	87	96	96	100	89	85 37	88	93	92	65 99 57	97	89	55 97 42	51 79 38	75	45 81	85 48	89	94	90	104	103	90 50	90.7
WERSTER GROVES	MAX	102	99	97	84	81 54	AB	78		87	94	97	87	76	78	89	85	90		89	92	76	78		85	в7	91	82	97	102	95	88.3
	MIN	10	01	"	1 20	74	74	75	,0	50	62	01	62	41	60	50	64	61	64	64	55	49	42	51	53	62	57	26	23	7.1	7,	1

See reference notes following Station Index.

																Day	Of	Mon	th														age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
EINGARTEN	MAX	104	100	98	90 56	82 55	90 56		90 55	88		97 69	93 62		86 62	88 49	90 50	95 58	100		95 55	86 51			85 55	89 63	90 61	86 61	98 57	102			90.4
E T PLAINS	MAX	100 62	87 65	93 62	81 56	84 49	91 48	88 53	89 47	92 53	96 60	96 66	84 60		93 61	92 50		97 58	93 56		91 50	76 52	74 40	79 39	85 47	89 58	89 55	92 55		101			89 6
ILL THE SPRINGS	MAX	95 58	95 61	92 59	79 56	81 49	89 45	85 54	87 44	92 50	94 60	96 60	84 62		90 63	91 47	93 54	96 57	92 54	85 61	96 46	87 46	73 35	78 34	85 44	87 55	90 52	90 55		101	89 56		89 · 2
INDSOR 3NH	MAX MIN	100 71	97 67	89 62		81 50	87 56	78 53	86 57	93 66	96 66	96 70	88 56		86 65	90 56		96 68	95 64		83 55	69 48		81 51	79 62	83°	93	87 52	101		85 5 9		87 • 4 58 • 7

# EVAPORATION AND WIND

																1	Day o	f mor	ath														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
	EVAP WIND MAX MIN	25	24 89	38 90	96 77	32 91	31 81	24 81	68 81	55 85	35 88	54 91	109 78	27 79	85 91	43 85	28 84		42 88	43 84	39 83	71	75	.22 56 76 46	36 75	34 83	89	42 83	37	87	65 80		7.84 1469 83.9 58.1
	EVAP		.31 26			.23 47				.18				.28 53	.23 37				.31					.15			.19 19				.38 56		7.13 1059
ST. LOUIS #ASHINGTON UNIV	EVAP WINO				·23																	·17								.20			6.34 893

MAX AND MIN IN TABLE 6 REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED OURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

# DAILY SOIL TEMPERATURES

																Day	of mo	nth															rage
OEPTH	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Āve

#### CONCEPTION

													_																			 
1 INCH	6РМ	93	90	66	78	71	72	72	72	89	78	75	72	71	74	75	74	80	71	75	71	67	70	72	77	68	73	73	80	88	73	75.3
3 INCHES	6РМ	84	82	69	67	70	71	70	69	74	74	75	71	70	71	70	71	72	71	71	70	66	66	68	71	66	71	70	72	73	70	71.2
NCHES	6РМ	78	78	73	69	69	70	69	68	70	71	73	70	69	69	69	68	70	69	69	69	66	65	65	67	66	68	67	68	70	68	69.3
12 INCHES	6РМ	76	76	75	71	70	70	69	69	70	70	71	70	69	69	69	68	68	69	68	68	67	68	66	67	67	67	66	67	69	68	69.2
24 INCHES	6РМ	74	74	74	73	71	71	71	70	70	70	70	70	70	70	69	69	69	69	69	69	69	66	68	68	67	67	67	67	67	68	69.5
48 INCHES	6РМ	69	69	68	69	69	69	70	69	69	69	69	68	68	68	68	68	68	68	67	67	66	67	67	67	67	67	67	67	67	67	67.9
72 INCHES	6РМ	66	66	66	66	66	66	67	66	67	67	67	66	66	66	66	66	66	66	66	66	66	66	66	66	66	65	65	66	66	66	66.1

#### SIKESTON CROP EXP. FARM

a INCH	6РМ	97	92	95	71	77	83	79	80	83	82	85	83	80	84	80	82	85	86	87	85	75	70	73	81	78	80	78	83	85	87		82.2
3 INCHES	6PM	97	93	95	75	81	85	82	83	86	83	86	. 85	83	85	84	85	87	87	88	87	80	76	79	82	81	83	82	85	86	88		84.6
6 INCHES	6PM	93	90	92	78	81	83	83	83	84	82	85	84	82	83	83	83	84	84	84	85	81	77	78	80	80	82	81	82	83	84		83.1
12 INCHES	6PM	86	85	85	80	78	78	79	78	78	78	80	80	78	77	78	78	78	79	79	7,9	78	75	74	75	75	77	77	76	77	78	1	78.4
24 INCHES	6PM	81	81	81	81	78	77	77	76	76	76	77	77	76	76	76	76	76	76	76	76	76	75	74	74	74	74	75	74	74	75		76.4
48 INCHES	6РМ	77	77	77	77	77	77	76	76	76	76	75	.75	75	75	75	75	75	75	75	75	75	75	74	74	74	74	74	74	74	74		75.3
72 INCHES	6PM	74	74	74	74	74	74	74	74	74	74	74	74	73	73	73	73	73	73	73	73	73	73	73	73	73	73	72	73	73	73		73.4

# STATION INDEX

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Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Temp. rin	ion	Observez	Refer to tables		Station	Index No.	County	Drainage;	Lattude	Longitude		Obe vation due I	010	Observer	Refer to tables
Advanco 5 ESE Albany Aiton 5 ENE Amity Amstordam	0051 0127 0143	Stodderd Gentry Oregon DeKalb Bates	1 4	37 08 40 16 38 42 39 52 38 21	88 50 94 20 91 17 84 26 94 35	355	5P 6P	51 87 7A	Nello Moroni Wiiliam J. Sutisr Loyd E. Rlack O. M. Colhour R. A. Kershnor	2 3 5 3 2 3 5 7	c c	La Belle Lakoaids Lamar Lampe Forset Service Lampe 4 NMZ	4694 4705 4727	Lewis Willer Bartoe Stone Stone	12	40 07 38 12 37 30	S1 55, 92 37 94 1S 93 2S	6S5 S80	7A TA	SA Jam 74 S. : 7A Mar	on M. Fishback S. Frame ie Mano wy F. Scott . A. O. Rogere	3 2 3 5 6 7 C 2 3 5 7
Anderwon 1 8W Annapolis 7 SW Appleton City Arcadia Ashtoe 1 W	0164 0178 0204 0224	McDonald lron Bt. Ciair iros Clark	1 8 10 S	3B 38 37 20 38 12 37 35 40 27	B4 27 B0 47 B4 02 90 37 B1 48	1080 - 800 928	7P BP 5P	7A 7A 8P 7A	K. M. Chamborlain Opal G. Ruttor F. Paul Eye Arcadia Collogs Gloo A. Woodruff	2 3 5	c c	Lathrop 3 SW Lebanon I EME Leepor Less Summit 1 M Lexington	4825 4844 4846	Clinton Lacisds *ayne Jacksos Lafsyetts	4 S 1 7	39 31 37 41 37 04 38 58	94 23	1080 1240 - - - - -	6P SP	6P Csc: 7A Brod 7A MID Ben	il F. Mays die O. Barnett CLOGED Jamis F. Smith iiam B. Cuiiom	2 3 5 2 3 5 4/30/53 2 3 5 7
Auxvasse Ava Rangor Station Bedford 1 8 Belleview Bernie	0365 0503 0539 0595	Callaway Oouglas Livingston Iron 8toddard	10	39 08 38 57 38 41 37 41 36 40	91 54 92 40 83 23 80 41 89 58	1060		8A M1S 7A 7A	C. H. Hook U.B. Formst Bervice Harry S. Stephena Beulah M. Aloxandor Harold R. Summers	3	cc	Licking 4 M Linerus 2 S Livonia Lockwood Louisiana Starks Mur.	4978 5014 5027 5083	Texas Lino Putnam Oade Pike	9 5	37 23 38 26	S1 54 S3 12 92 42 S3 57 91 03	1277 835 - 1078 469	6A 6P 6P	SP Ker WIO Mra 7A Mub SP Sta	ert O. Damson le made . Icel M. Tade ert A. Bieman rk Srom. Murmery	2 3 5 7 3 0 0 0 0 0 2 3 5
Bolivar	0868 0695 0735 0789	Barrlaon Shannoe Iron Stoddard Poik	1 10 9	40 18 38 59 37 37 38 53 37 37	94 02 91 30 80 59 89 56 83 25	1000 440 1071	5P 5P 7P 5P	7P 7A 5P	Carl W. Slaughter Mildred E. Catlett Otto Goggin George E. Loog SW Baptlet College	2 3 5 7 2 3 5 7 2 3 5 7 2 3 5 7	с	Louisiana Lucerne Macedoeia Lookout Macon Madison	5164 5175 5183	Putnam Ripley Wacon Monroe	4 1 2 S	39 28	B2 12	878		9A D. 6P Roy 7A John JA Eco.		3 7 6 3 7 6 2 3 5 7 6
Soonville Water Works Bowling Green Bradleyville Brookfield Brunswick	0856 0878 8980 1037	Cooper pike Taney Linn Charitoe	6 12 4	38 58 39 21 36 47 39 47 39 26	B2 45 91 12 92 55 93 85 93 08	850 - - 767 652	5P 7A	7A 5P 7A	9oonville Water Oop Virgii Cook Elmer A. Rubbard G. F. Broen O. K. Benecke	2 3 5 3 2 3 5 2 3 5		Maiden CAA AP Mansfioid Marble Hill Marshall Warshfield	5227 5253 5298 5307	Dunklin sright Soliinger Baline sebater	12 S 7 12	36 36 37 08 37 18 39 07 37 20	92 54	532 775	6P 5'	7A Hen: 7A Bry 5P Mun 5P 8ho	. Civil Aero Adm ry O. Brown ao A. Williams icipai Utilitiea -Me Power Co.	2 3 5 7 C 3 2 3 5 7 C 2 3 5 7 3 5 7 3 5 7 3 5 C
Suffalo Bunker Surlington Junction Sutler Sutler CAA AP	1101 1141 1145 1147	Sallas Reynolds Nodaway Bates Bates	7 9 9	37 38 37 27 40 26 38 16 38 18		870	1	7A 7A 5P MIS	L. M. Howerton C. O. Highley Raiph B. Fuller Hariey W. Johnsoo U.S. Civil Aero Adm	3 3 2 3 5 2 3 5 7		Martiosburg Maryville 7 NNW McCredio 2 W McCredie Exp. Statioo	5340 5345 5410 5415	Audrain Nodaway Nodaway Callaway Callaway	7 7	38 57	94 53 91 58 91 54	-	1	6P R. I MIO Ear MID Lei MIO U.S	B. Freese B. Mostgomery 1 S. Trueblood in B. Craim . Soll Conserv.	2 3 5
Cambell Canton Lock & Dam 20 Cap Au Gris Lock & Dam Cape Girardeau Mo State	1221 1275 1283 1291	Camdeo Dunkiin Lewis Lincoln C Girardoau	10 6 6 6	38 02 36 29 40 08 39 00 37 18	92 45 90 04 91 31 90 42 89 32	940 314 438 - 347	4P 5P 7P 5P	7A MIS 5P	Mo. Conserv. Comm. Mr. M. Bob Comer Lockmaster U. S. Engineers Teachers Coliege	2 3 5 2 3 5 2 3 5 2 3 5 7	С	Memphis Mercer 6 NW Mexico Middletown 5 NE Milan	551B 5541 5565 5578	Scotland Mercor Audralo Pike Sullivan	6 6 4	40 12	93 07	707 800	7 A	7A Osc 7A S. 7A Eio 7A Cha	o W. Alexander ar L. Hartley W. Soods lse M. Grabam ries E. Smith	2 3 5 3 2 3 5 7 3 3
Carthage Caruthersville	1304 1340 1356 1364	C Girardeau Cedar Carroll Jasper Pemiscot	9 7 11 6	37 18 37 48 39 22 37 11 36 11	89 32 93 49 93 30 94 17 89 40	962	6P 6P 6P 5P	6P 6P 7A 7A	Leo L. Aibert 6. E. Price Harold E. Finloy Phil B. Oavis Victor T. Malloure	3 2 3 5 2 3 5 .2 3 5 2 3 5		Miller 2 5E Moberly Radio KNCM Monett Monroo City Mora	5671 5700 5708 5754	Lawrence Randolph Barry Monroe Benton	6 8 6 7	39 3B 38 32	93 48 92 26 93 55 91 44 93 13	1230 658 1310	SP CA	6P Rad 2A Ken 85 J. W10 Emm	liam A. Garoutte io Sta. KNCM oetb G. Meuser S. Conway a M. Meyer	2 3 5 0 2 3 5 3
Cassville Ranger Sta. Centervillo Centerville Ranger Sta. Centralia Chaówick	1467 1472 1482 1490	Barry Reynolds Reynolds Boone Christian	12	36 41 37 26 37 26 39 12 36 56	93 52 90 57 90 57 92 08 93 03	-		7A 8A 8A 7A	Fiorence A. Karow Corda Jane Harrison U.S. Forest Service Earl W. Seymour Sylvia Flotcher	3 7 3 7 3 3	С	Morehouse Moselie Mountain Grove 2 N Wount Vernon 3 SW Neosbo	5816 5634 5861 5976	New Madrid Franklio Wright Lawrence Newton	81	36 52	94 22	497 1463 1174 1011	5: 6° 5P	5P U.S	A. 5pooce est J. Foster fruit Exp 3ta E. Firchhoff . Fisberle6 Bta.	3 3 2 3 5 7 C 2 3 5 2 3 5
Charleston Chillicothe 2 S Chillicothe Radio ECBi Clarksville Lock & Oam Clearwater Oam	1580 1585 1640 1674	Mississippi Llvingston Livingston Pike Wayne	4 6 1	36 56 39 45 39 46 39 22 37 07	89 21 93 33 93 33 9D 55 9S 47	771 - 648	6P SS 4P	7A SS M1S 7A	R. O. Oupy Radio Station KCH1 U. S. Engineers U. S. Engineers	2 3 5 2 3 5 7 2 3 5	c	New Boston New Florence New Madrid Novinger 1 E	5999 6007 8040 6170	Vergon Linn Montgomery New Madrid Adair	4 7 6 2	39 57 38 55 36 35 40 14	89 31 92 41	862 EED	5p 6p	7A Ger. 6P Her 6A #es 7A Ver	ry Kraft ald R. Elll bert B. Oavault s Hensiey o W. Roblson	2 3 5 C 3 2 3 5 7 3 3 3
Clifton City Clinton 1 NNW Coloma Columbia W8 Airport Conception	1711 1773 1790 1822	Cooper Benry Carroll Boone Nodaway	9 4 7 7	38 45 38 22 39 31 38 58 40 16	93 02 93 47 93 33 92 22 94 41	778 1108	8A MiD 5P	7A MiD 5p	F. S. Needy Loyd M. Millam Jewel B. Trussell U.S. Weathor Bureau Pr. Adelholm Hoss	3 2 3 5 6 7 2 3 5	c c	Dates Tower Odessa Drogon Oregon 1 NE Osceola 3 NE	6269 6357 6359 6407	Reynolds Lafayette Holt Nodaway St. Clair	9	37 32 39 00 39 59 39 59 38 05	95 08	1093 1040	6P	7A #m. 7A Jam MID Add 7A Sam	el Sue Adams E. Dougherty es M. Curry ie A. Burtnett H. Simmons	3 3 2 3 5 7 3 C
Concordia Cook Station Crane Mountain Crocker Crystal City i N	1870 1980 2004 2031	Lafayette Crawford 1ron Pulaski Jefferson	9 6	38 59 37 48 37 27 37 57 38 14	90 38 92 15 90 23	1	5P	7A 9A 6P 5P	Martin Brockman Thomns J. Gorman Roy S. Thomlison Charles 1den Oscar F. Tidd	3 3 3 2 3 5		Owonsviile Ozark Ozark Boacb Pacific Palmyra	6452 6460 8468 6493	Gasconade Christian Taney Franklin Marioo	12 12 5 6	38 21 37 01 36 40 38 29 39 43	93 07 90 44 91 30	935 1150 700 -	8.8	7A Will SA Emp 7A Art SA Jes	ta E. lman 11am L. Reed ire Sis El Co hur D. Lewis se E. George	3 c 3 3 2 3 5 3 3
Cuba Decring Oe Soto Dexter Soniphan	2156 2220 2235 2289	Crawford Peniscot Jefferson Stoddard Ripley	10 6 10 1	36 04 36 12 38 09 36 47 36 37	89 58 90 50	344	6P	7A 7A 6A 6P	Fr. C. J. Hornsey Ciarence E. Carnell Roy E. Sewey J. L. Jackson Boyce Lackey	3 3 3 2 3 5		Paris Parms Pattonsburg Perry Perryvillo	6532 6563 6633 6641	Monroe New Madrid Daviess Ralis Perry	10 4 6 6	39 29 36 37 40 83 39 26 39 43	89 52	710	5P	7A Lau MiD Wad M1D Rev 7A Joh	W. Reed ra E. Morgan e O. Moody ; C. B. Oreen n S. Bagan	2 3 5
Socipban 2 W Oora Sowning East End Edgertoo	2302 2318 2406 2474	Ripley Ozark Schuyler Iron Platte	12 6 5 7		90 51 92 13 92 22 91 02 94 38	- - - 856	6P	MIS MIO 7A 7A	Geo. Baumgardner Alta M. Oeupree Edward L. Beeler C. O. Smith Rodora L. Perry	3 2 3 5	CC	Plerce City. Pleasant Bili Polo Poplar Bluff Portageville	6748 6775 6791 6799	Lawrence Cass Caidwell Sutler New Madrid	6	36 57 33 43 39 33 36 45 36 26	90 23 89 41	101S 332 202	7P 5P	6A Dea 7A Ral 7A O. 5P Por	n P. Davis n T. Knorpp pb C. Uibrlght M. Richardson tageville Rev.	3 3 3 2 8 5 2 3 5
Edina Eldon Eidorado Springs Elijah Elliegton	2503 2511 2519 2547	Enox Miller Cedar Ozark Reynolds	9 12 1	40 10 38 20 37 52 36 36 37 14		934	5P	5P 6P 7A 7A	Paul S. Pettit Arthur Rothweii Clyde J. Smodgrass Loyd Price S. Phronia Sanders	2 3 5 3 3 3	С	Potosi 2 S Princetoo Puxico Qulin Reynolds Richmond 7 N	6066 6934 6970	Washington Wercer Stoddard Butler Reynolds	10 10 1	37 54 40 24 36 57 36 36 37 24 39 23	90 47 93 36 90 10 90 15 91 05	235 - - -	5P	5P Gie 7A J. 7A Tor 7A Eff	hur M. Riebl n L. Swanberg W. Steinmeier rence J. Johns le W. Elll lia E. Smith	2 3 5 3 3 3 3
Ellsinore Elsberry Eminence 3 NNW Fairfax Parmington	2591 2617 2729 2809	Carter Lincoln Shannon Atchison St. Francois	10		95 24 90 26	1250	7P	8A WIO 7A 6A	William Perkins Soil Conserv. Serv. Thomas J. Chlltoo Oiliard A. Price F. M. Karscb	2 3 5 7	c c	Richwoods Ridgeway 1 SE Roby Rogersville 1 ENE Rolla School of Mines	7122 7130 7214 7255	Washington Warrison Texas Webster Pheips	5 4 3 14	35 09 40 22 37 30 37 07 37 57	90 50 93 56 92 03	1420	1	7A Elm M1S Kei 7A Roy M10 Euy	a M. Se Ciue th Jackson E. Danieis la V. Bracken	3 c c 2 3 5 c
Farmington CAA AP Fayette Flisk Forsytb Fountain Grove fildlife	2823 2881 2975 2995	St. Prancois Boward Butler Toney Livingston	10 12 4	37 46 39 09 36 47 36 41 39 42	90 14 93 06 93 18	760		6P 7A 7A SS	U.S. Civil Aero Adm Irvin E. Schnell Fred Lovell Otto Kenyon Mo. Cons. Comm.	2 3 5 2 3 5 3 3 2 3 5	с	Rolla 5 SE Rolla 3 W Rolla 4 SE Rolla 7 S Round Spring	7264 7265 7266 7267	Phelps Phelps Phelps Phelps Phelps Phelps	5 3 5 3	37 54 37 57 37 56	91 43 91 50 91 43 91 46	1108 365 1040 970		MID Wal MIO Los MID Mrs MIO Ger	ter W. Sneison lie B. Underwood . E. P. Light trude Ponzer E. Jones	2
Fredericktown Zremont Tower Fulton 4 8W Galcaa Gallatin 2 NE Gerald	3052 3079 3094 3102	Carter Callaway Stone Oaviess	1 7 14 4	36 58 38 51 36 48 39 56	91 14 91 57 93 28	1025	8a	8A 7A 7A	U.S. Forest Service F. E. Hillgartner Barold O. Stewart Frank Hersbberger	3 3 5 3 5 3 3	С	Saint Charles Saint James 3 NW Swint Joseph WB AP Saint Louis WB AP	7397 7424 7440 7455	St. Charles Phelps Buchanan Saint Louis St. L. City	7 5 7 7	36 01 36 01 39 46 38 45	91 25 90 29 91 40 94 55 90 23	1005 509 552	M10	7A Cha M10 Wil 6A U.S M1D U.S	ries J. Koenig liam S. Jones . Weather Bureau . Seather Sureau	
Gower 2 M Granby Grant City Greenviile 4 NNW	3300 3341 3369 3451	Clark	12 4	1	94 36 94 15 94 25 90 28	980 1134 410	6P	7A 7A 7A	Edwio M. Venmor Patricia W. Grior Middred B. Ratcher J. Romor Korn C. L. Rubottom Albert J. Ruddlck		c c	Saint Louis WB Clty Saint Louis University Saiot Louis Wash, Univ. Salem Salisbury Saverton Lock & Oam 22	7465 7470 7506 7514	St. L. City St. L. City Oent Chariton Ralls	6 5 2	38 38 38 39 37 35	90 14 90 19 91 33 92 48	573 537 1206 723	7P A 7A 6P	7P St. 3A J. 1 7A E. 6P Oav	Louis Unlv. Ropp R. Srust E. Mertin id E. Robertson	2 3 5 ? 3 5 6 C 2 3 5 C
Gregory Landing Grovoapring Mailwy Mamden 2 NE Bannibal Hannibal Wator Works	3483 3537 3565 3596	Wright Barry Chariton Marion	12 6	40 16 37 24 36 42 39 36 39 42 39 41	93 46 92 47	759		8A 6P M10 7A	ROY W. McNeloy William Madison Mury M. Whito Grover C. Van Dyke Roger C. Higgins	3	С	Sedalia Seligmao Seneca Seymour 4 NNE	7632 7645 7656 7674	Pettis Surry Newtoo Wobster Sholby	7 8 8 12	36 42 36 31 36 50 37 12	93 14 93 56 94 37 92 45	910 1542 1640	5n 7p 5i	7A Dr. 7A Flo M10 Bose 7A Clas	Kmaster J. E. Cannaday yd E. Fawver ea N. Harrison ude E. Garfit ille L. Payno	2 3 5 2 3 5 2 3 5 2 3 5 2 3 5
Hanning water works Marris Harriwonville Maxlegreen 2 W Heoristta Hermann	3641 3849 3713 3779	Sullivan Casa Laciedo	4 9 3 7	40 18 38 39 37 46 39 14 38 42	93 21 94 20 92 27	904	62	7A 8A W10	John E. Miller J. B. Patterson Melvie R. Gailice William R. Harrisce	2 3 5	c	Shelbyville Sikeston Sikeston Crop Exp Fe Siloam Springs Skidmore	7720 7770 7772 7780	Shelby Scott New Madrid Howoll	6 6 12	36 53 36 51 36 48	92 03 92 02 09 35 69 35 92 04	310	7A SP	5P Emm 7A Luc 5P Car 7A Bess	ett L. Goe y W. Humphreys 1 D. Luper M. Byers	3 2 3 5 2 3 5 3
Mermitage fligboc 5 5 Righpoint 2 5w Hernwraviile	3799 3835 3849 3999	Rickory Moward Moniteau Dunklin	9 7 7 10	37 58 39 14 38 28 35 03	93 19 92 30 92 37	-	6P	MIO MIO MID	Joseph Wunderlich Rarold E. Carlstrom Milda M. Margia Mrs. John E. Dutcher Sallis E. Perkinw The Houston Herald		ccc	Speed 2 W Spring City Springfield WB AP Stanberry Steelvillo 2 N	7960 7967 7976 8003	Cooper Newton Greene Gentry Crawford	9	36 59 37 14	92 50 94 32 93 23 94 33 91 22	12S5 -	M10	MIO Rich MIO Glad WID U.S MIO R.	hard E. Stegner dys J. Cameron . Westher Bureau Trueman Magers	3 C
Mouston 1 SE Jackson 1 SE Jackson Jeff City Radio 8008 Jefferson City Jeross	4021 4228 4271 4278	Texaw Texaw C Girardeau Cole Cole	3 6 7 7	37 20 37 18 37 23 38 35 38 34	91 38 89 40 92 12	428 557 -	5P 5P	5P 7A 7A	The Houston Rerald Elenor Johnson Danny Simbert KWOS Radio Farm Robt, R. Hendermon Louis F. Srinkley		c c	Steffonvillo Stot 8 SE Stover Sullivan 5 E Summeravillo	8051 8083 8112 0171	Lewis Carroll Morgan Franklin	8 7 7 5	39 58 39 21 38 26 38 13	91 53 93 41 93 02 91 04	B50	1	7A Fan: MIO Edw: 7A H. I 7A Geo:	nie V. Grons ard Stevens Kyle Vickrey rge J. Mussmon	2 3 5 C C 3 7 C 3
Jewett Joplin CAA Al- Kahoka Kanasa City WB Airport	4298 4315 4349 4359	Pholps Wadison Jasper Clark Clay	10 R 6 7	37 56 37 23 37 10 40 25 39 07	90 29 94 30 91 43	362	мто	M1D 8A M1D	Fred Gonlkol U.S. Civil Arro Adm Wosley E. Hayden U.S. Weather Sureau	2 3 5 7 3 2 3 5 7	C	Summeravillo Summer 2 5w Swoet Springs Tarkio Tecumach 2 N Topaz 4 NE	8188 8223 8289 8313	Texas Livingstoe Saline Atchison Ozark Oouglas	12	38 50	91 40 93 17 93 25 95 23 92 17 92 12	-		7A Jobs 6P l'ar 6P Les 7A Ray	n W. Guilford bert F. Neison Jr. tor 8. Morton M. Hunt	3
K.C. St John & Elwood K.C. 75th & Holmen K.C. 37th & Raytown Rd Kanwaw City U. of K.C. Seyteaville 4 WE	4369 4374 4379 4449	Jackson Jackson Jackson Chariton	7 7 2	39 08 39 00 39 03 39 02 39 27 39 47	94 35 94 30 84 35	90R		M10 M10 GP 7A	Lester Applegate Lester Applegate Lester Applegate University of K. C. Percy W. Ryan Soth B. Look		ccc	Tranton Troy Tyrone 2 N Union 1 SE	R444 8456 R498 8515	Grundy Lincoln Teaas franklin	4 B 1 5	40 04 38 5B 37 12 38 27	93 37 90 58 91 53 90 58	840 1330 520 1082	5P 8P	7A W. 1 7A Robe MID Love 7A Core	H. Estea ert L. Nichola one A. Harriaon nollua Siegsw	2 3 5 C 2 3 5 2 3 5
King City Kirkwiii= Redio KiRX Kirkwiiie (AA AP Kowhkomong	4505 4544 4549	Gentry Adair Adair Orwgoo	7 S 6	40 03 40 13 40 08	84 31	10S5 - S66	6P	6P 6P M1D	Soth B. LOOK John M. Martin Oow Jones U.S. Civil Aero Adm Gwnwviows T. Smith	2 3 5 2 3 5 2 3 5 7 2 3 5	С	Valley Park Van Ruren Vandalia Vanzant 4 SE	8581	Saint Louis Cartwr Audrain Oouglaa	5 1 8 12	30 33 38 59 38 18 38 58	93 00 80 30 81 00 91 30 82 16	786	5P	7A Fio	yd Y. Gibba lo A. Smith ei K. Stouta D. Smith .	3 3 2 3 5 3

WISSOUR

#### STATION INDEX

Continued																					SEPTEMBER 1953
Station	Index No.	County	Drainage:	Latitude	Longitude	Elevation	Va	me dion me	0	Refer to tables	Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	vat	Precion ne	01	Rafar to tables
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Vaco Emppapello Dam Emremaburg Cent. T. C. marrosivo 1 H Jarosv No. 1	8700 9712 9725	Jasper Bayne Johanon Warren Benton	10. 7 6	39 53 38 46 38 46	94 35 90 15 93 44 91 04 93 25	473 879 8 887	31	8A 8A 5P	Leater O. Sigara U. 5. Kngineera Cent. Teach, Col. 8. T. Zimmerman Dora Johnson	3 2 3 5 7 C 2 3 5 C 2 3 5 C 2 3 5 7	Konnett Radio KBOA Oanvillo I ENE		7 Dunklin Kontgomery			90 04 91 31	265			Radio Sta. KBOA Edna L. Young	2 3 5 C
earmay Be. 2 Sambiagton 2 S Camela Severly Caymoraville 2 S	8746 8754 8788	Benton Fracklin Dnark Lafayette Pulnekl	7 12 7	36 3: 39 4: 39 1:	93 2: 1 91 00 7 92 34 2 93 3: 9 92 14	1294	)	7 A	John M. Surke Jon Ludewig A. W. Pinckney Jeess J. Foone Ralph M. Land	3 C 2 3 5 C 3 2 3 5 7											
cobster Graves coingaries cost Plains fi liansburg m liansville	9799 8880 9980	Saint Louin 6t Genevieve Bowell Callavay Vayus	6 1 7	37 53 36 44 36 53	90 23 90 13 91 33 91 43 90 33	1 1005	35	5P W10	Thomae J. McCaeley William J. Miller U.S. Seather Bureau Mary S. Crump George S. Julian	2 3 5 2 3 5 2 3 5 7 C 3											
cillou Springe cillou Springe For Ser Vindoor 5 NV	9000	Howell Howell Johnson	1 9	36 51	91 51 91 51 93 33	-	65	MID	Ailan Frazee D.S. Format Service Logan Sutherland J Monroe Null	2 3 5 2 3 5 7	1										

DESIGNATION 1. Slack 2. Chariton 3. Gasconada 4. Grand 5. Meranac 6. Minsiselppi 7. Missouri C. Noos. 9. Onaro 10. Saint Francis 11. Saline 12. Spring 13. Tarkio 14. White

#### REFERENCE NOTES

The four digit identification numbera in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will he carried only in the June and December issues of this bulletin.

Monthly and seasonal anowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tablea, but for which data are not listed, are either missing or received too late to be included in this issue.

Uslesa otherwise indicated, dimensional units used in this hulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise mbown by footnote following Table 6.

Sleet and hail were included in anowfall averages in Tahle 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tablea 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at chaervation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

"TTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two
inches or more. Water equivalent amples are necessarily taken from different points for successive chservations; consequently occasional drifting and other
causes of local variability in the anowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

  And also on a later date or datea.

  Amount included in following measurement, time distribution unknown.

  Gage is equipped with a windshield.

  Adjusted to a full month.

  Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

  Water equivalent of anowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

  One or more days of record missing; see Table 5 for detailed daily racord. Degree Day data, if carried for this station, have been adjusted to represent tha valua for the full month.

  R Daily values and monthly total from racording gage.

  Trace, an amount too small to measure.

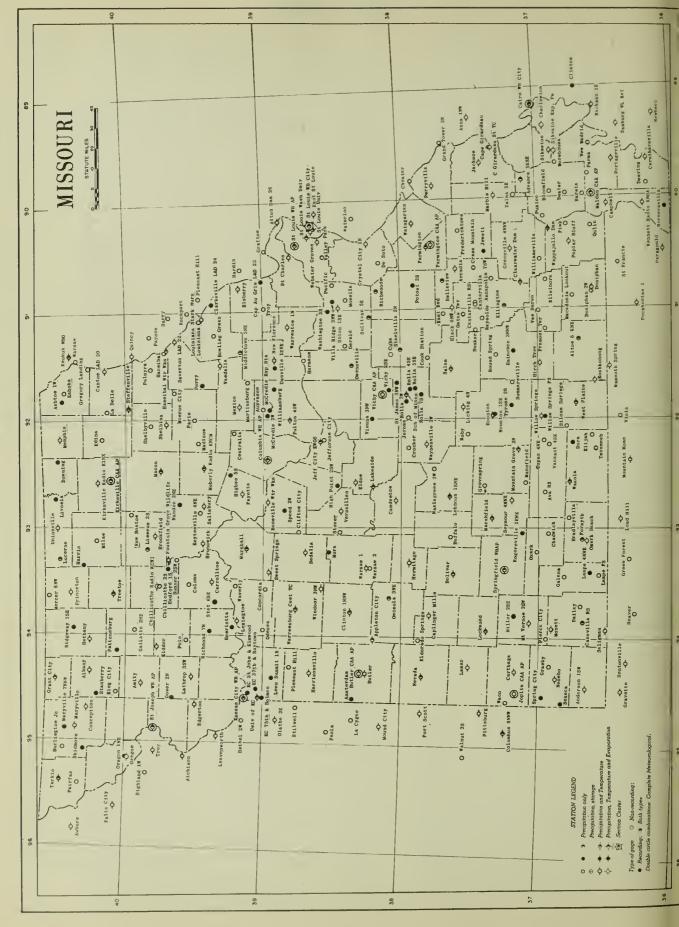
  V Includes total for previous month.

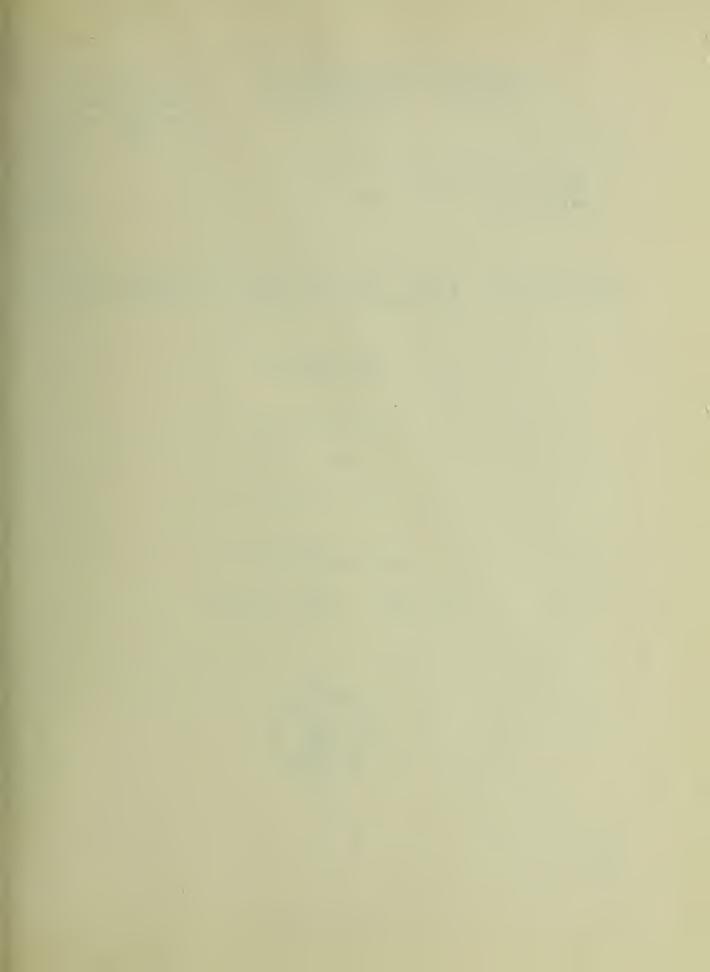
  Shis entry in time of observation column in Station Index means observation made near sunset.

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SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

EC 28 1953

# CLIMATOLOGICAL DATA

# **MISSOURI**

THE LIDRARY OF THE

CER G1 FT3

UNIVERSITY OF ILLINOIS

OCTOBER 1953
Volume LVII No. 10





#### MISSOURI - OCTOBER 1953

#### H. F. Wahlgren, Section Director - Saint Louis

#### WEATHER SUMMARY

October continued the prevailing pattern of above normal temperature and below normal precipitation. On a State-wide basis, all months of this year except March have been deficient in precipitation, and only April had below normal temperature. The State average precipitation for the month was 2.02 inches. This is 0.92 inch below normal. The total rainfall for the year thus far is 23.13 inches, leaving a deficiency of 12.44 inches. This is the least rainfall for this period since 1901, when 21.19 inches fell during the first ten months. Driest part of the State was the Northern Division, with 1.33 inches, half the normal amount.

The first substantial State-wide rains in several weeks fell on the 4-5th. Amounts varied from over four inches in Wright and Laclede Counties, to less than half an inch in the extreme northwest. The rain was followed by cloudless skies and unseasonably warm temperatures until the 22d, when light scattered showers fell in the western half of the State. On the 26-27th general rains over the State averaged nearly an inch, although the extreme northwest again received very little moisture. The greatest amount of precipitation for the month was 5.50 inches at Grove Spring; 4.85 inches of this fell on the 4-5th. The least total precipitation was 0.15 inch at Bethany and Conception, both in the extreme northwest portion of the State.

The State average temperature for the month was 61.1°, or 3.4° above normal. It was the sixth consecutive month of above normal temperatures. The month opened quite warm, with most stations recording their highest temperatures of the month on the 1st and 2d, except in the extreme southeast where they occurred on the 3d. Cooler air moved into the State on the 4th and 5th, lowering temperatures 20 to 30 degrees. A warming trend thereafter kept temperatures well above normal, with maxima in the 70's and 80's through the 21st. A series of cold fronts lowered temperatures 20 or more degrees for the remainder of the month, with most stations recording their lowest temperatures of the month on the 29th, when minima in the 20's, or low 30's, were observed throughout the State. The highest mean temperature at any station was 65.1° at Butler, and the lowest mean was 57.7° at Macon. Highest temperature recorded was 99° at Clearwater Dam, on the 3d. Lowest was 21° at Bethany, on the 29th.

The first general freeze and killing frost of the season occurred on the 29th. There was little damage therefrom as all field crops were matured and harvests were nearly completed. The warm and dry weather was ideal for maturing and harvesting corn, soybeans and cotton. The corn yield was considerably below the 10-year average, but higher than had been expected following the intensely severe drought. The soybean yield was the poorest in many years. Cotton produced quite well, considering the poor growing conditions. Wheat, barley and rye were up to rather poor stands at the close of the month, due to lack of moisture. The rains of the 26-27th, however, were expected to improve the condition of these crops. Pastures were producing no feed in most areas, and livestock was being winter-fed. Ground water supplies were very low.--AJC

	Wind	direction		Wind m.	speed p. h.		Relati		idity ave	rages		Numi	per of d	aye with	precip	itation			nset
Station	Prevailing	Percent of time from preveiling	Average	Fasteet	Direction of fastest mile	Date of fastest mile	.21 30A CST	6,30A CST	12,30P CST	6130P CST	Trace	.0109	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
CUMBIA WB AP	SSE	18	8.5	25	SE	3	67	76	44	54	0	2	1	3	0	0	6	73	3.9
NSAS CITY WB AP	S	19	8.3	27	NW	3	60	71	43	44	2	3	1	2	0	0	8	78	4.0
. JOSEPH W8 AP	-	-	8.8	30	SW	18	-	76	40	44	0	4	2	0	0	0	6	76	3.8
. LOUIS WB CITY	S†	14†	9.1	26	SW	3	65†	75†	44†	50†	0	1	0	2	1	0	4	83	3.3
RINGFIELD WB AP	SSE	25	10.7	31	SW	3	69	75	48	54	1	2	3	1	1	0	8	69	3.9

† -- airport data

### COMPARATIVE DATA

OCTOBER

WOIG T																				
	T	emperatu	ire	Pi	recipitatio	on		Te	emperatu:	re	Pr	ecipitatio	on.		To	mperatu	re	P	recipitatio	on.
Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowert	Average	Average	No. of days .01 or more
388 889 890 891 892	53.8 53.8 54.8 55.7 57.5	89 91 91 92 95	24 22 20 20 18	2.72 2.32 2.35 1.05 2.40	0.0	6 5 7 5 5	1913 1914 1915 1916 1917	54.7 59.2 59.8 58.0 49.8	93 88 95 95 93	11 19 22 20 12	4.65 4.59 1.22 2.12 1.15	3.3 0.0 0.0 0.3 0.2	9 7 3 6 6	1938 1939 1940 1941 1942	63.9 61.1 63.0 61.6 58.0	99 100 94 92 90	19 19 28 20 13	1.23 1.89 1.73 10.14 2.97	0.0 0.0 0.0 T	3 6 6 17 6
393 394 395 396 397	56.7 57.6 51.2 54.1 62.5	95 94 89 90 99	16 18 14 19 23	1.12 1.82 0.42 2.48 0.74	T T 0.0	3 6 2 5 3	1918 1919 1920 1921 1922	60.6 58.4 61.3 57.9 59.9	95 98 93 92 97	28 17 18 24 18	3.45 7.07 3.14 2.15 2.04	0.0 0.0 T 0.0 0.0	7 11 7 5 5	1943 1944 1945 1946 1947	56.3 59.6 56.8 61.1 65.2	90 92 85 92 94	19 25 23 24 29	3.23 1.68 2.18 3.02 3.83	0.0 0.0 0.0 0.0	7 4 6 6 7
398 399 300 301 302	53.5 62.4 62.4 60.1 59.5	95 100 92 96 88	19 24 25 24 23	4.35 3.16 3.96 1.69 2.41	1.4 0.0 0.0 0.0 0.0	8 5 7 6 5	1923 1924 1925 1926 1927	53.0 61.8 48.8 57.3 60.9	89 92 92 93 93	17 21 - 3 21 26	3.55 1.22 4.98 4.73 4.59	0.1 0.0 2.4 0.0 0.0	9 4 10 9 5	1948 1949 1950 1951 1952	55.8 59.3 63.2 58.4 53.3	86 93 93 92 96	18 17 26 26 7	2.40 6.09 1.12 3.77 0.50	O.O T T T	6 9 3 9 2
903 904 905 906 907	57.3 57.6 55.1 56.3 56.7	90 90 90 94 94	19 19 20 17 18	3.06 0.88 4.85 1.08 2.93	0.0 0.0 0.3 0.0 0.0	8 3 10 5 7	1928 1929 1930 1931 1932	60.9 57.2 55.3 61.7 55.7	94 91 92 95 90	22 23 11 27 22	3.82 5.36 3.09 3.37 3.54	0.0 T T 0.0	8 10 6 8 5	1953	61.1	99	21	2.02	Т	4
708 709 710 711 712	56.3 57.2 59.4 56.9 59.1	92 96 94 96 97	21 20 15 25 21	2.39 2.72 2.97 3.16 3.78	0.8 T 0.0 0.2 0.7	5 8 5 8 6	1933 1934 1935 1936 1937	56.4 61.1 57.1 56.7 56.3	86 90 90 89 98	23 24 21 20 15	2.90 2.50 3.47 3.55 2.44	0.0 0.0 T T	7 4 10 8 7							

verages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published to this table for earlier years.

#### TABLE 2

				Tem	perat	ure											Precip	itation				
				-						N	o. of	Days			la l			Snow.	Sleet, H	aíl	No.	of Days
Station	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Ma Above or	$\dashv$	Min	-	Total	Departure From Norma	Greatest Day	Date	Total	Max. Depth on Ground	Date	ō	.50 or More 1.00
NORTHERN DIVISION													1									
ALBANY AMITY BETHANY BROOKFIELD BRUN5WICK	76.2 75.9 75.6 77.1 74.3	45.0 47.1 41.9 46.0 46.7	60.6 61.5 58.8M 61.6 60.5M	4.0 5.2	95 93 93 93	2 2 2 1 3	24 30 21 27 30	29 27+ 29 29 29	202 183 237 183	3 2 4 1	0 0 0 0	5 2 6 2 1	00000	1.04 .56 .15 1.38 1.45	-1.75 -1.57 -2.77	1.04 .39 .06 .60	3 26 4+ 3 27	.0	0 0 0		1 4 3 5 6	1 1 0 0 0 0 2 0 1 0
CANTON L & D 20 CARROLLTON CHILLICOTHE RADIO KCHI COLUMBIA WB AP R CONCEPTION	73.0 73.6 76.8 73.5 77.1	43.8 45.2 43.2 48.7 46.9	58.4 59.4 60.0 61.1 62.0	4 5.0 3.0 6.6	92 93 94 92 94	2 2 2+ 2 2	28 28 26 32 26	29 29 29 29 27	225 213 199 183 170	1 2 3 2 3	0 0 0 0	1 2 1 1	00000	.79 1.41 1.21 2.31 .15	-1.47 -1.93 90 -2.73	.34 .55 .53 .90	27 26 26 3 3	.0	0000		4 5 4 6 2	0 0 1 0 1 0 3 0 0 0
DGERTON L58ERRY AYETTE "OUNTAIN GROVE WILDLIFE FULTON 4 5W	75.5 74.6 76.8 74.0	46.0 42.0 45.5	60.3 59.4M 59.8	3.9	94 93 94 95	3 2 2 3	31 30 30	29 29 29+	193 220	2 1 2 2	0 0 0	1 1 2	0000	3.46 1.69 1.55 2.58	.95 -1.20	1.82 .51 1.00 1.38	5 4 3 4	.0	0 0 0		4 5 2 5	3 1 1 0 2 1 3 1
GRANT CITY HANNIBAL WATERWORKS KANSAS CITY WB AP R KIDDER KIRKSVILLE RADIO KIRX	75.1 72.1 74.6	47.7 48.9 52.2	61.4 60.5 63.4	6.3 4.5 3.8	95 94 93 94	2 2 2 2.	28 32 36	27 29 29	190 204 151 206	1 1 2	0000	2 1 0	0000	1.39 2.14 1.64	-1.65 25 -1.29	1.20 1.35 .72	4 3 25	.0	0 0 0		4 4 6	1 1 1 1 2 0
KIRK5VILLE CAA AP R	73.0	44.4	58.7	J. J	93	2	26	29	240	1	0	2	0	1.18		.64	3	.0	0		4	1 0
LATHROP 3 5W LOUISIANA STARK5 NUR MACON MARYVILLE	76.0 73.8 73.4	41.8 41.5 47.3	58.9 57.7 60.4	2.7 1.4 6.9	96 93 94	2 3 2	25 28 26	29 29 27	218	3 1 1	0 0 0	3 2	0 0 0	1.86	-1.42 -2.06 -2.17	1.00 .38 .58	4 26 3	.0 .0 T	0 0		5 5	1 1 0 0 1 0
MEMPHIS MEXICO MOBERLY RADIO KNCM NEW FLORENCE OREGON	77.5 74.6 73.5 74.6 73.8	44.1 45.7 46.5 47.3 48.9	60.8M 60.2 60.0 61.0	4.1 3.9 3.3 6.3	98 95 94 95 91	3 2 2 2	29 30 30 29 26	29 29+ 29 29 27	204 195 183	2 1 2 2	0 0 0 0	2 2 1 1	00000	.76 2.25 2.41 1.92 .23	-1.17 82 94 -2.52	.27 1.05 1.28 .90 .21	4 4 3 4 26	.0	0 0 0		4 5 5 4 2	0 0 2 1 2 1 2 0 0 0
PRINCETON ST CHARLES 5AINT JO5EPH W8 AP R SALISBURY 5AVERTON L & D 22	77.4 76.7 74.7 75.8 74.4	48.5 46.2 46.2 48.4	62.6 60.5 61.0 61.4	4.4 2.4 2.8	95 97 94 95 92	2 2 2 2 2	22 33 28 29 34	29 29 29 29 29	157 208 183 177	3 4 1 2 2	0 0 0 0	7 0 2 1 0	00000	1.05 2.10 .55 1.09 1.38	-1.08 -1.98 -2.05	.81 .90 .38 .46	3 27 3 26	.0	0 0		3 4 6 5 5	1 0 0 0 0 0 0 0
5HELBINA 5TEFFENVILLE TARKIO TRENTON UNIONVILLE	75.5 74.3 75.3 77.2 73.5	43.5 45.2 45.0 48.0 45.8	59.5 59.8 60.2 62.6M 59.7	2.⁴4 5.4 6.7 4.5	94 94 93 94 93	2 2 2 2 2	25 28 26 29	29 29 27 27	206 208 202 148 206	1 1 1 1	0 0 0 0	3 2 3	00000	.86 .79 .48 1.02	-1.75 -1.94 -2.33 -2.11 -1.62	.52 .33 .17 .43	4 4 21+ 4+ 4	.0	0 0 0 0		3 4 6 4	100000
VANDALIA WARRENTON 1 N	76.2	47.8	62.0	6.0	97	2	31	29	170	2	0	1	0	1.24	-2.20	.56	26	.0	0		4	1 0
DIVISION			60.5	4.3										1.33	-1.34			Т				п
50UTHWE5TERN DIVISION												-										
ANDERSON 1 5W APPLETON CITY BOLIVAR BOONVILLE WATERWK5 BUTLER	76.1 77.0 75.8 72.4 79.6	43.6 48.0 49.9 47.6 50.5	59.9 62.5 62.9 60.0 65.1M	1.2 3.6 4.3 .6	96 96 95 92 95	1 2 1 3 2	27 32 34 34	29 29 29 29+	183 156 152	3 3 1 3	0 0 0 0	3 1 0 0	00000	3.04 2.81 2.51 3.98 3.13	85 15 74 .76	.93 .90 .74 2.81	26 22 4	.0	0 0 0		6 6 6 7 4	2 0 4 0 3 0 2 1
BUTLER CAA AP CAMDENTON CAPLINGER MILL5 CARTHAGE CLINTON 1 NNW	75.0 76.1 75.5 75.7 74.0	48.3 45.2 48.1 47.5 45.7	61.7 60.7 61.8 61.6 59.9M	1.0	94 95 94 95	2 2 1+ 1	34 26 28 30 30	29 29 29 29 29	183 191 171 166	3 3 2 3	0 0 0 0	0 2 2 1 2	00000	3.04 2.45 2.44 2.92 3.83	-1.44	1.28 1.35 .86 1.42 1.38	25 4 4 4 4	.0	0 0 0		6 5 7 6 5	2 1 2 3 0 2 1 4 2
ELDON HARRISONVILLE HERMITAGE JEFF CITY KWOS JOPLIN CAA AP	74.7 75.5 76.2 74.3 74.8	48.2 49.2 44.3 52.3	61.5 62.4 59.3 63.6	4.1 6.3 2.5 3.4	94 94 95 95 94	2 2 1+ 2 1	34 36 27 35	29 29 29 29	165 171 205 151	2 3 3 1 2	0 0 0	0 0 2 0	00000	2.10 1.97 3.49 3.12 2.88	-1.60 -1.00 25 57	1.13 1.12 .96 1.53 1.10	4 26 4+ 4 3	.0 .0 .0 T	0 0 0		5 5 6 5	1 1 2 1 4 0 3 1 3 1
K C UNIV OF K C LAKESIDE LAMAR LEBANON 1 ENE LEXINGTON	75.1 75.3 76.5 74.0 75.1	48.0 43.0 47.9 47.6 49.4	61.6 59.2 62.2 60.8 62.3	6 3.3 3.1 4.8	94 94 95 95	2 3 2 2 3	32 31 30 30 36	29 29+ 29 29 29	175	2 2 3 3 3	0 0 0	1 3 2 1 0	00000	1.65 3.26 2.14 4.95 1.31	-1.29 .45 -1.47 1.18 -1.72	.66 1.76 .80 3.12 .68	26 4 4 4 26	.0	0 0 0		6 4 4 5 5	1 0 3 1 2 0 3 1 1 0
LOCK-WOUD MARSHALL MARSHFIELD MONETI MOUNTAIN GROVE 2 N	76.0 75.7 74.2 77.6 75.8	.50.3 47.5 48.9 49.6 49.4	63.2M 61.6 61.6 63.6M 62.6	4.5 5.0	95 95 93 95	1 2 1 1+ 1	33 32 28 32 30	29 29 29 29 29	1'38 173 178	2 2 2 3 2	0 0 0	0	00000	3.24 2.35 2.79 2.42 1.89	66 78	1.30 .99 1.45 .90 .84	4 4 4 4	.0	0000		65564	3 1 2 0 3 1 2 0 1 0
MOUNT VERNON 3 5W NEOSHO NEVADA OZARK BEACH SEDALIA	74.4 76.1 75.6 79.5 74.0	47.7 46.0 51.3 45.6 49.9	61.1 61.1 63.5 62.6 62.0	2.5 1.9 5.9	93 93 94 96 93	1 2 1+ 2	30 29 35 32 32	29 29 29 29 29+ 29	178 167 141	2 3 3 5 3	00000	1 1 0 2 1	00000	2.62 3 3.22 3.84 2.21 2.79	76 47 .77 -1.66	1.58 1.38 2.21 1.17	4 4 4 4 5	.0	0 0 0 0		7 6 4 4 6	1 1 3 1 2 1 2 1 3 0
SELIGMAN SEYMOUR 4 NNE SPRINGFIELD W8 AP R SWEET SPRINGS VERSALLLES	75.0 73.8 73.0 76.0	50.6 45.7 50.2 43.8	62.8M 59.8 61.6 59.9M	2.4	94 96 92 96	1 3 1 2	25 35 27	29 29 29	152 202 176 205	2 3 1 3	0000	2 0 2	0000	2.22 4.44 2.51 1.84	~1.24 .96 89	.90 3.49 1.22 .84	5 4 4 4	.0	0 0 0		5 4 7 6	2 0 1 I 2 1 2 0

#### ABLE 2 - CONTINUED

					Tem	perati	ıre										1	Precip	itation					
											ì	lo. of	Day					T	Snow.	Sleet. H	ail	No.	of D	ays
Station	- 1				Î.					Days	M	LX.	M	n.		Ę.	Day			선정		lore	Ore	
		Average	Average	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree I	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest	Date	Total	Max. Depth on Ground	Date	.01 or Mon	.50 or M	1.00 or More
WARRENSBURG CENT T C WARSAW NO. 1 ASOLA WAYNESVILLE 2 W INDSOR 3 NW		75.6 76.8 75.1 74.1	51.9 47.1 49.6	63.8M 62.0M 61.9	5.8	95 95 94 95	2 2 2 2	38 28 35 37	24+ 29 27+ 24	145 164 168	3 3 2	0 000	0	0 0 0 0	2.16 1.61 2.68 4.66	86	.68 .57 1.69 2.76	27 4 4 4	.0	0 0 0 0		4 4 4 6	2 2 1 4	0 0 1 1
DIVISION				61.8	3.4										2.80	33			Т					
SOUTHEASTERN DIVISION  ADVANCE 5 ESE RCADIA IRCH TREE LACK 6 NW AMPBELL		76.3 75.4 77.0 77.3	41.9 42.4 40.2	59.1M 59.7M 58.8	1 1.3 2.9	93 91 94 94	2 1 1 2	26 27 24	30 29 29+	204 197 222	2 2 2 3	0 0 0	4 5	0 0 0	2.25 1.84 1.23 1.44	36 -1.61 -2.05 -2.15	1.32 1.08 .64 .80	5 5 27 5	.0	0 0 0 0		4 3 3 5	2 1 2 2	1 1 0 0
APE GIRARDEAU MO ST ARUTHERSVILLE HARLESTON LEARWATER DAM RYSTAL CITY 1 N		76.9 78.0 77.2 76.8 74.8	47.4 51.1 46.4 40.9 42.2	62.2 64.6 61.8 58.9 58.5M	2.4	94 92 93 99	2 1+ 2 3 2	30 36 31 28 26	30 30 30 30 30	163 114 155 211 238	2 2 3 2	0 0 0 0	1 0 1 4 4	0 0 0 0	1.60 2.06 2.49 2.36 1.94	-1.70 -1.30	.62 1.63 1.10 1.72 .63	26 27 5 5	.0	0 0 0 0		4 3 4 4 4	2 1 2 1 2	0 1 1 1 0
ONIPHAN ARMINGTON ARMINGTON CAA AP REENVILLE 4 NNW OUSTON		78.8 75.9 74.5 78.2 76.6	42.1 43.4 42.4 41.8 43.5	60.5 59.7 58.5 60.0 60.1	2.0 2.9 2.4 2.9	96 96 93 97 95	1+ 2 2 2 1	24 29 27 27 27	30 30 30 30 29	175 203 231 188 186	5 2 2 3 2	0 0 0	3 1 3 4 2	0 0 0 0	1.71 1.76 1.78 2.18 2.27	-1.35 -1.68 -1.10 47	1.03 1.06 .70 1.40 1.18	5 5 4 5 26	.0	0 0 0		3 3 5 4 5	2 2 2 2	1 1 0 1 1
JACKSON LENNETT RADIO KBOA LOSHKONONG LICKING 4 N MALDEN CAA AP	R	79.2 79.5 76.4 74.5 77.3	44.2 48.1 50.5 45.9 47.4	61.7 63.8 63.5 60.2 62.4	3.8 3.9 1.4	96 95 99 90 94	1+ 1+ 1 2+	32 35	30 30 29 29 29	165 131 131 156	9 5 2 2	0:	2 1 0 2 0	0 0 0 0	2.89 .99 2.33 1.91	-2.23 98	1.98 .50 1.44 .97	26 5 5 26	.0	0 0 0 0		3 5 5 3	2 1 1 2	1 0 1 0
AARBLE HILL PERRYVILLE OPLAR BLUFF PORTAGEVILLE OLLA SCHOOL OF MINES		78.3 77.1 79.4	39.7 43.5 44.4 48.2	59.0 60.3 61.9M	.8 1.8 5.0	95 95 96 94	2 2 2+ 3	25 29 28	30 30 30	214 189 165	3 2 4	0	6 3 2	0 0 0	1.50 2.12 2.15	-1.92 -1.51 -1.24	.74 1.35 1.11	5 5 5	.0	0 0 0		3 4 4	2 2 2	0 1 1
SAINT LOUIS WB AP SAINT LOUIS WB CITY SAINT LOUIS UNIV AINT LOUIS WASH U SALEM	R R	74.3 73.8 74.1 74.5 74.5	49.6 53.5 53.2 48.9 44.1	62.0 63.7 63.7M 61.7 59.3	2.6 3.1 5.1 1.0 1.7	94 92 93 95 93	2 2 3 3	33 39 39 34 26	29 29 29 30 29	169 143 144	1 1 1 1 2	0	0 0 0 0 2	0 0 0 0	2.50 2.89 2.47 2.58 1.88	58 01 69 11 -1.74	1.20 1.97 .99 1.50	4 4 4 5 27	.0	0 0 0 0		4 4 4 4 5	3 2 2 2 2	1 1 0 1
IKESTON SIKESTON CROP EXP FARM NION 1 SE /ICHY CAA AP MAPPAPELLO DAM		78.6 76.5 75.8 73.4 76.2	46.8 46.3 41.4 49.4 48.0	62.7 61.4 58.6 61.4 62.1	3.4 9 .7	96 94 95 92 94	3 2 2 2 3	33 32 25 33 34	30 30 29+ 29 30	165 216 185	6 2 2 2 3	0 0 0	0 1 4 0 0	0 0 0	2.31 2.36 2.42 2.20 1.65	96 -1.06 -1.63	1.38 1.03 1.13 1.57	27 26 5 4 5	.0	0 0 0 0		4 4 4 3 4	2 2 3 2 2	1 1 1 1 0
EBSTER GROVES EINGARTEN EST PLAINS HILLOW SPRINGS		72.8 76.9 76.9 76.2	48.3 50.3 43.9 42.1	60.6M 63.6M 60.4 59.2	1.5	94 96 94 93	2 2 1+ 1	34 30 28	29 29+ 29+	195 148 184 208	1 2 2 2	0 0	0 2 5	0 0 0 0	2.68 1.45 1.16 1.51	-2.06 -1.81	.92 .70 .74	4 5 26 27	.0	0 0 0		5 3 3	3 2 1 1	0 0 0
DIVISION				61.0	2.3										2.03	-1.01			.0					
STATE				61.1	3.4										2.02	92			Т					

OCTOBER

Total	1 2	3	4	5	6	7	6	9	10	11	12	13	14	nonth 15	16	17	18	19	20	21	22	23	24	25	26 2	27   28	29	34
	1 1 2											10														-	<del></del>	
1.04 1.05 .56 3.04		1.04	•11	.50																	.04	•45		.02		. 35		
1.82 2.81 1.84 2.78 2.95				1.08																	•05			.10	.90 .48 .37	.63 .26 .91	30	
2.00 1.73 .15 1.23			.06	1.44 .51	-14																.03				.06	.64		
1.63 2.51 3.98 2.00		т	.73 2.81	•51 •13 •56 1•35	•12																.74	.07		.01	.60 .27	.88	12	
1.38 1.45 3.28 1.22		•60	1	T .80	-	-	-	-	-	-	-	•	-		-	-	•	-	-		• 05 • 06 7	.02	-	-	.48 .30	.74 .		-
3.13 3.04 2.45		. 39	.95 .42 1.35	.15													.12			.07	.06 .10	т		1.28	.65	.20		
1.60		- 46	•32	.57	.05	-	-	-	-	-	-	-	-		-	-	-	-	•	-	.05	-		•02	.62	.32 .	09	-
1.41 2.92 2.06 2.48		.31	.06	.37 T	• 35																.01	•11	•01	•06	.55 .46	.43 .55		
1.38 1.52 1.69 3.06			.98 1.60	.74 .80 .25																			T		.23	.6. .21 .	02	
.93 1.21 2.36		.48	•30	1.72										3						т	.08 .17	T .16	.02		.43 .53	.48 .	14	
3.83 1.19 2.31		•56 •90 •12	1.38	.73																	.05 .12 .02 .03			•0?	.67 1 .51 .51	.16		
1.35 2.19 1.79 3.07 1.94		Ť	•31 •42 •	.17 .80 1.13 2.22 .63																	.03 T				•OB	.84 .66	)5	
2.08 1.98 1.84 1.50				.28	•35 •25																				1	.69 .85	13 06 12	
1.62		Ť	* -	•96 •94	- 27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- 32	.11	10	-
4.61 2.52 1.79		•	2.39	.90 1.10 1.05	_	_	_	_	_	_	_	-	_		_	_	-	_		_	.01	_	-	.09	• 1 • 95 7	.22 .47 .64	-	
3.46 .45 1.76 1.78			.70													.25				.20	0.3	7 T	т		•61	.64	06	
1.79		_	-	- 88	- 13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- T	-	-	, T	.55	.67 -	-	-
2.58				•52													,			•01		T •28		•03	T •09 •	.74	06	
2.57 2.73 1.39 2.18			1.32 .70 1.20	•51	.01									:							•02			•0ń	•11	.80		
5.50 2.11 1.73			2.75 .80 1.12	•10																	•31 T	Ť			.70 .74 .20	.45 .16 .27		
1.97 3.72 2.09 3.49		•••	.10 1.74 .29 .98	1.38 .91 .58																	.10				.70	.55 .42 .62 .96	05	
2.27 - 3.12 2.00 1.77			1.53	.75																		7 T T			•59 •20 •20	.28 . .63 .	10	
2.88 .81 1.84 1.65 2.89		• 26	*35 T	•77																•01	.03 .01 .04	T		•77 •18	•22 •57 •66	.24 .07 7 .16		
=	: :			-	111	:	:	=	=	=	:	:	=	-	:	:	-	:	:	-	- - - 02	:	-	:	:	-   -	=	:
1.16 .90 1.31 3.26 2.14		- 64	1.78	.74	•04																7 T	7		***	• 25 • 33 • 28	·15 ·1	)5	
	2.25, 1.05,	2.25 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	2.25 1.05 1.05 1.05 1.05 1.05 1.05 1.05 1.0	2.25 1.00 1.00 1.00 2.81 2.76 2.76 2.76 2.76 2.76 2.76 2.76 2.76	2.25 1.05 1.05 1.05 1.05 1.07 1.08 1.08 1.08 2.09 2.00 1.44 1.73 1.12 1.03 2.01 1.63 2.91 1.64 1.65 2.44 1.65 2.44 1.65 2.44 1.65 2.45 2.96 2.96 2.96 2.96 2.96 2.96 2.96 2.96	2.25 1.00 1.00 1.01 1.02 2.81 2.81 2.93 2.94 2.94 2.95 2.90 2.00 1.63 2.91 2.91 2.91 2.91 2.92 2.91 2.93 2.90 2.00 1.63 2.91 2.91 2.91 2.92 2.91 2.91 2.92 2.93 2.90 2.93 2.90 2.93 2.90 2.93 2.90 2.90 2.90 2.90 2.90 2.90 2.90 2.90	2.25 1.04 1.05 1.05 1.06 1.07 2.81 2.81 2.94 2.95 2.96 2.96 2.96 2.96 2.96 2.97 1.60 2.98 2.98 2.98 2.98 2.98 2.98 2.98 2.98	2.25 1.04 1.05 1.06 1.07 2.81 2.76 2.70 2.71 2.71 2.71 2.71 2.72 2.73 2.74 2.74 2.75 2.75 2.76 2.76 2.77 2.77 2.77 2.78 2.78 2.79 2.79 2.79 2.79 2.79 2.79 2.79 2.79	1.00	1.00	1.04 1.05 1.06 1.07 1.09 1.09 1.09 1.09 1.09 1.09 1.09 1.09	1.00	1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00						

Table 3-Continued																					OCTO8ER	SSOUR I R 1953
Station	Total	1 0		F   C				1		of mon	_			T 1								
-		1 2	3 4	5   6	7 8	9	10 11	12	13 1	4 15	16	17 18	19	20	21	22	23 24	25 2	26 27	28 2	29 30	31
LATHORYD 3 See LA BANGER B E POE LE POLETON LE POE 6 N LONGUES 2 S	4.95 1.31 2.33		• 20	.97 .04 1.44		-		-			-		-	-	-	- .04	т т			•03		-
COCRECCO STARA STARKS NUR STARA STARA TONE UA FRONTA LOCKOUT	3.24 1.86 1.69 1.83 1.10		T 1.30 1.00 .57 1.56	.55 .06 .42												•15	.09		• 35 • 80 • 35 • 54 • 24	.45 .16		
GACON GADISON GALDEN CAA AP R GANSPIELO GAAGE MILL	1.91 3.46 1.50		1.04	- .85 1.94												т	Т		.38 .16 .46 .28 .97 T	•06 •09		
MAR MALL MARY METELS MARY METELS MARY LLL METERS	2.35 2.79 2.01 .80		.27 .99 1.45 .65	.03								т т			•02	.02			.66 .40 .53 .14 .04 .85	•11		
MEDIE OF BUT OF STATE	.52 2.25 1.81 .62 2.41		.41 1.05 .62	.43												•01 •03	т	-10	.19 .15 .09 .62 .71	•06		
NOW 17 NEWHOE CITY NOWEHRUSE NO ELLE	2.42 1.64 2.27 3.81		.28 .60 .90 .02 .26	.78 1.50												·10	.05	:	29 •08 26 •46 36 86 •52 •31	• 11		
MUNICATIN GROVE 2 N MUNICAT YERMON 3 SW ME SHOT ME O ROSTON	2.62 3.22 3.84 .78	i	01 1.58 1.38 2.21	•07 •03											т	•11 •20		.03	.17 .44 .35 .47 .73 .87 .95 .34			
NEW PLOMENCE NEW WADDIO DATES "JWER DOESSA MEEGON	1.98		•90	.07		-		-		-	-		-	-		T			45 .13 42 .53 1.16	1 • 17	-	_
OSCEOLA 3 NE  VENSCILLE  LABR  LABR  PACIFIC	3.13 2.21 3.36		1.48	- 51  .99 .65		-		-		-	-		-	-	-	.02 .14			21 53 .74 - 30 .12 24 .15		-	-
DAA S DAA S DAAMA DE DETYSLE F ENCE CITY	1.49 2.60 2.12		•70	•11 •21 •25 •86															1.15 .36 22 .32 1.29 .63	•25 •04 •20 •12		
PLEATER HILL POLO POPLAR BLUFF ROATAGEVILLE POLOTION PUBLIC	3.23 2.75 2.51 2.15	. 1.	75 - 1	.77				_			_		-	_	.08	•03	.17	1.	42 .64 17 1.10 22 .60	•11		
PUB IC O.J. 10 89 YWOLOS WWJDO5 SD04	1.05 2.01 2.20 1.94 1.92	•		.84 .24 .25												.09			15 •62 1•02 •60	.10		
ROLLA SCHOOL OF MINES ROUND SPRING SA NT CHARLES LA NT JOSEPH UR AP	1.62 2.22 1.36 2.10		.07	.72 .01 .54								.01					т		.87 08 .40 15 .50 82	.08 .02 T		
SA 9° LOUIS ON CITY R  SA 9° LOUIS ON IV  A 97 LOUIS OASH U  A_fe	2.50 2.89 2.47 2.58 1.88		1.20 1.97 .99 .29 1	.09 .45								•••			- 1	•01 T		:	02 77 •51 57 •26 58 •45 •75	•04		
TAL SAURY AVEATON L AND 0 22 SECOLIA IS LIGHAN IN VIOLED & MARE MELSIA	1.09 1.38 2.79 2.22 4.44	•:	.67	.82 .92 .90												.04	•11 •19	•	08 .89 46 .22 01 .45 37 .57 68 .25	.10		
STAFSTON RESTON CROP EXP FARM CAM SPRINGS	2.31 2.36 1.62		•52 •46	.64 .20 .99							-							•	1.38	.09		
TEFLUTILE 2 %  TEFLUTILE 2 %  TEFLUTILE  TOWER  VAN 5 E	2.51 2.58 .79 3.72 3.04		1.22 .90 .33 1.90	•02 •91												•60	.17	.33 .; T	31 .49 20 .11 .48 10 .32 30 1.07	.29		
STATE OF THE STATE	1.29 .77 1.84 .48 1.24	*C	.17	.45								•12	ī		r .	06 17	т	*C	02 •75 •79 •1 •09	• 04 • 05		
PENTON  NO 1 SE  NICON 1 SE	1.30 1.02 4.20 2.42 1.51			•50												.06 .		• 3	0 .40	•10 •06		
ALLEY PARK A NUMBER ANDALIA ANDALIA OYZANY A SE OYZA LLES	2.53	. <u>.</u> .	.34 1	.06		-				-	-		-	-	-   -		i		0 •06	.04	-	-
SPPAPELLO GAM LONGSALDG CENT T C ANGENTON 1 N AASAN NO 1	2.20 3.05 1.65 2.16	ī	1.57	•11 •93 •03		-	-	-		-	-		-		06		-	.5	3 .10	.12	-	-
SOLA SOLA SOLA	2.07		.57	56											'	12		•4	6 .27 1 .73 9 .64 6 .22			
ASTER GROVES EINGARTER ST PLAINS ELLEANSVILLE	2.68 2.68 1.45 1.16 1.25		.92	.30 .87 .70											7	.02 т		.5 .4 .5 .5	6 .78 4 .25 5 .31 5 .20	•03		
LLOW SAN INGS TWOSON 3 NW SUMA 5 E	1.51		2.76	45											т		10	•1	0 .96	.08 T .01		

Table 5															1	Day	Of	Mont	h		-											395	rage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
AOVANCE 5 ESE	MAX	92 55	93 55	88 55	86 56	79 51	61	33	71	77 36	82 40	86 42	88 44	77 44	77 38	82	84 38	84	86 38	87 42	85 45	87	87 44	73 50	65 36	58 40	56 41	55 49	51	60 29	66 26	67	76. 41.
ALBANY	MAX	90 49	95 60	85 65	68 53	74 34	66 41	67 31	76 43	76 38	90 37.	78 37	78 42	81 46	87	87	88 47	87 60	88	84 64	86 50	80 59	78 60	62 43	63 30	64	57 43	56 28	62 30	68	77 43	65	76. 45.
AMITY	MAX	87	93 64	86 62	68 52	76 39	69 38	66 36	77 43	77 43	90 46	84 49	76	80 46	87 49	87 58	86 54	87 58	87 57	85 60	83 57	79 58	76 57	65 43	62 34	61	57 42	55	61	65 30	74 45	66	75 a 47 a
ANOERSON 1 SW	MAX	96 51	94 63	90 62	68 58	68 54	62 37	66 31	73 43	79 37	82 34	86 39	84	88	85 45	83	81	87 43	86	85 44	85 44	82 50	66 59	64 53	68 35	72 38	58 44	54	62 35	65 27	70 28	69	76. 43.
APPLETON CITY	MAX	94 55	96 66	95 66	67 54	70 46	60 44	67 39	76 48	79 43	86 43	84	77	82 48	86 48	87 52	88 50	89 52	88	87 52	787 52	83	<b>77</b> 60	70 52	63 38	69 42	56 42	54 39	60	65 32	72 36	73	77. 48.
ARCAOIA	MAX	91	90	88	81 60	72 48	66	64	70	78	82	83	82	74 45	76	81	82	85	85	85	81	80	78	76	72		58 42	56	55 42	58	68	66	75.
8ETHANY	MAX	87	93		68	73 31	71	67 27	76 41	83 38	89 34	78 48	75 38	79 42	85 40	88	87 47	85 55	86 59	84 61	85	81	77 59	66 42	61 30	61	58 43	55 28	59 30	65 21	76 42	69	75. 41.
BIRCH TREE	MAX	94 57	93 55	89 62	80 63	70 50	62 39	67 39	70 38	78 37	83 39	87	80 50	78 49	83	86	86 42	88 39	89 40	85 44	84 50	85 44	86 48	76	68 33	70 29	62 47	52 43	57 34	64 27	65	69	77.
BLACK 6 NW	MAX	93	94 52	90	83 61	70 51	58	66 36	72 33	79 36	82 38	85 40	81	77 38	81 34	8 5 3 5	87 37	88	88	85 42	84 42	84	86 45	80	67	69 29	68	51	61	63 24	70 24	69	77. 40.
BOL IVAR	MAX	95	94 65	91	74 56	68 50	64	66 39	74 46	79 49	83	85 52	77	82	86 50	88	88 51	87 56	85 54	84 60	84 55	81 59	75 60	67 53	62 38	67 43	57 47	47	58	63	70 41	69	75.
800NVILLE WATERWKS	MAX	82	87 52	92	86 55	72	65	57	62	71	75 47	80	77	71 49	73 48	80	83 50	83 53	84 56	84 58	82 55	82	80 60	73 51	61	60	63	51	46	53	60	70	72.
8ROOKF1EL0	MAX	93	92	88	70 56	75 38	72 41	68 36	76 42	79 40	78 39	76 44	76 42	83	88	90	90	89 55	89 56	86 60	87 53	83 59	80 60	73 46	67 37	62	54	58 40	59	66	74 39	70	77 a
BRUNSWICK	MAX	84	89 57	93	58	62	71	60	64	74	75 42	84 42	79	77	78 49	83	86 51	87 55	89	89 58	84 54	86 54	83 57	75 49	62 40	61	63	49	54 38	56	61	71 41	74,
BUTLER	MAX	92	95 70	94	73 53	69	65	66	75 43	72	85	84	78 47	82 50	86 50	88	87 55	87 59	87 55	85 55	85 55	80 63	76 60	74					37	64 32	71	70 45	79,
BUTLER CAA AP	MAX	92 52	94 71	92	63	69 45	61	64	74 43	76	84	83 50	78 46	81 46	85 48	87	87 53	87 58	87 57	83 57	84 54	81	75 59	65 43	63 35	63 43	54 41	52 39	59 39	65 34	69	69	75. 48.
CAMOENTON	MAX	93	95 60	91	80 53	65	63	66 37	74 40	77 43	82	81 52	77	79	81 45	84	87 47	83 54	88 52	82 54	85 55	83 56	76 50	76 50	62 32	69	66 36	56 37	56 34	62 26	71	70	76 45
CAMPBELL	MAX											,,,																					
CANTON L ANO 0 20	MAX	83	92 54	84	69 57	70 36	65	61 34	71 37	75 39	81 38	75 47	70 45	72 45	75 47	82 42	80 48	83 47	87 50	86 55	81 48	82	77 50	73 45	61 38	65 34	62 45	49 39	54 35	62 28	71 35	66	73 43
CAPE GIRAROEAU MO ST	MAX	92	94	88	85 65	76 51	61	65	72 40	79 42	82	86	78	77 51	78	82	86	85 48	88	88 53	87 55	87 53	88	81	66	69	62	55	55 40	58	66	67	76 47
CAPLINGER MILLS	MAX	94	94	89	68 56	67	60	65	75 45	76 41	83 43	83 47	78 53	84 53	86 55	85 53	86 50	87 52	85 52	85 54	84 52	81	75 59	68	63	68	56 44	52 39	58 37	63	71	71	75 48
CARROLLTON	MAX	86 42	93 59	90	68	70	61	65	74 39	75 39	84	79 48	73	77 42	82 44	85	85 48	86 53	85	84 55	83 50	81	76 60	67 45	60	61	53	53	55 38	59 28	69	64	73 45
CARTHAGE	MAX	95 56	93 61	90	70 56	68 53	63	65 35	74 41	78 43	85 40	85 46	82	83	85 52	84	85 50	85 51	83	83 55	83 53	80	75 60	67	65	69	55 43	53	59 36	65	70 36	70 46	75 47
CARUTHERSVILLE	MAX	92 64	92 67	89	87 64	80 56	65	67 46	71 45	78 46	83	89 51	85 55	78 54	78 51	80	85 49	84 53	86 50	87 54	87 56	88 57	89 57	80	75 48	70 43	66	56	58 43	61	66	67	78 51
CHARLESTON	MAX	92	93	88	87 62	75 56	64	67	73 38	79 41	82 46	88 52	79	78 47	80	82	86	85 42	87	88	82 52	87 51	87	74 52	68	70 37	63	5 6 5 3	58	60	66	68	77 46
CHILLICOTHE RADIO KCHI	MAX	93	94	94	67	73 36	71	64	78 36	78 36	87 36	85 44	76 40	78 39	85 41	89	87 46	87 47	87	86	86 48	83	77 61	72 45	60	64	59 43	56 39	58 34	65 26	74 33	67	76 43
CLEARWATER DAM	MAX	91 48	93	99	84 54	78 46	65	66	72 29	75 33	81 47	83 43	80	76 43	81 39	46 81 40	85 41	82 42	85	84	84	84	84 47	79 52	64	69	65	55 35	59 39	60	69 28	69	76 40
CLINTON 1 NNW	MAX	40	92	94	88	60	68	58 32	65	74	~ /	83	80	75 48	79 45	83	85	87	83	82	84	84	80	76 53	65	61	66	52	53		62	70	74
COLUMBIA WE AIRPORT	MAX	88	92 65	90	67 55	69	56	63	71	77	81 46	80 55	69	75 52	80 46	85 49	84	86 55	86 53	85 59	83 57	82 58	75 60	65	62	69	5 5 4 5	46 40	56 39	61	71	70 43	73 48
CONCEPTION	MAX	91	94 65	92	69 51	76 39	74 39	66	75 43	77	89	80	77	81 45	87 48	87 43	87 50	86	88	83 61	85 57	85 59	76 58	72 41	61 35	62	59 41	56 26	63 35	67	76 43	70 40	77 46
CRYSTAL CITY 1 N	MAX	88	93	90	80 52	67 50	61	62	70 34	81 40	81 40	81 46	76 41	72 39	75 34	80	84	••	86	88	86 60	85 47	85 46	79 59	64	68	57 37	53	54 38	59	70 26		74
OONIPHAN	MAX	96 56	96	92	84 56	75 54	65	68	71 33	82	84	93	82	86 41	85 36	84	88		90	85 42	85 45	85 45	89 45	74 51	69	72 31	57 42	55	60 29	65	70	69	7E 47
EOGERTON	MAX	,,,	,,,	79	,,,	,,	71	41	,,	1	40	40	72	71	30	,	0	70	70	,,	7,	7,		,		-1							
ELOON	MAX	91 51	94		73 55	68	62	65	72	78	80 47	80 55	74	76	81	85	86 50		85 53	82 53	84 53	83 53	73 56	68 52	63 47	67 39	61 48	50		62 34	70 36	70	74 41
ELSBERRY	MAX	83	89	70	93	48 69	69	38 56	64	73		80	79	80	80	77	85		87	89	87	87	81	84	68	68	67	55	48		60		7!
FARMINGTON	MIN	92	96	89	78	68	60	65	73	80	82	83	76	75	78	83	86 39	87 43	89	88 49	86 50	87 48	86 46	72 54	65 40	69 35	55 42	51 42	55 39	59 34	69 29	70	7! 4
FARMINGTON CAA AP	MAX	91	93	59 88	76	67	56	35 64	70	78	81	81	75	78	35 77	83	86	86	87	86	84	85	85	67	63	68	54 40	51	53 37		68	69	7.
FAYETTE	MAX	89	93	86	53 68	68	62	63	72	78		80	72	77	36 83	87	85	87	86	86	85 52	83	45 75	70	39 63	31 64	63	50	55 35	63	71	68	74 41
FOUNTAIN GROVE WILDLIFE	MIN	88	61 94	91	75	72	70	68	74	72	85	52 83	74	77	45 85	88	88	88	52 87	54 85	52 85	55 85	58 85	74	35 64	64	62	39 55	55	64	72 36	73	71
FULTON 4 SW	MIN	83	90	95	57 88	60	66	35 56	37 65	72	78	80	38	77	36 73	81	81	86	87	86	84	53 84	84	74	34 65	62	72		34 47	54	61	70	7-
	MIN	49	53	64	58	45	43	39	40	43		45	47	46	45	46	48	50	51	53	54	52	54	52	37	38	40	43	34	30	30	ادد	

Table	5-	Con	tin	ued
	_	_		

Table 5 Continued	-			_									_																				
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	Of .		18	19	20 :	21	22 2	23	24	25	26	27	28	29	30	31	Average
GRANT CITY	MAX MIN	85 51	95 62	86	68	74 39	66	66 36	75 41	75 42	88	78 52	83	84	85 54	86 59	86	84 56	86	82 62		79 60	74 58		58 36	63	55 41	54 28	60	65	76 41	68	75 • 1 47 • 7
GREENVILLE 4 NNW	MAX	95 51	97	90	83	75 54	66	67	74	80	83	86	82	79 41	79 36	84	88 39	88	89	87	86	87	87	73	67	71 32	64	55	58 42	64	70 27	69	78.2 41.8
MAN IBAL WATERWORKS	MAX MIN	84	94 61	87	66 52	68	55	60	71 45	73	79 48	75 53	73	72 48	76 48	83	82 58	84 56	85 59	86 61		83			55	67 38	55 47	48	52 37	59 32	69 40	68	72•1 48•9
WARR ISONVILLE	MAX MIN	91 52	94 69	92 59	65 51	74 40	62	64 38	75 42	79 45	86 47	84 51	78 48	80	86 54	88	87 59	86 59	87 57	85 56		79 63	76 59		63 37	57 45	53 42	54 38	61 38	66 36	72 41	63	75.5 49.2
-ERM17AGE	MAX MIN	95	95	90	70 54	69 48	65 37	68 34	74	80	84	85	78	82	87	87	89	88	86	81	85	81		63 49	64	69	62 43	49 37	59	59	71	71	76.2
HOUS TON	MAX MIN	95 52	93 58	88 58	79 60	68 50	63	66 41	73 37	80	84 39	84 48	80	78 40	82 40	86	87 40	87 42	87	86 50		83			61 33	71 33	59 48	51 43	58 36	64 27	69 28	71	76 • 6 43 • 5
IACK SON	MAX MIN	96 57	96 59	90 65	85 66	78 53	63	70 40	74 35	81 39	85 43	90 45	81	82 44	80 40	87 38	90 41	90 43	90 40	89 45		90 48			68 36	71 33	64 38	54	58 42	61 32	68 28	68	79 • 2 44 • 2
JEFF CITY RADIO KWOS	MAX MIN	89 46	95 56	8 9 6 6	71 56	67 48	56 45	65 37	73 39	76 42	80 41	80 48	73 41	76 43	80 40	84	85 43	87 45	86 47	85 50		84 48			63 35	71 38	55 50	51 42	56 35	61 27	71 31	69 38	74.3 44.3
JOPLIN CAA AP	MAX	94 59	93 68	8 9 66	66 56	65 48	58 44	65 39	72 46	77 52	82 50	85 58	80 50	84 57	86 58	86 59	85 59	85 60	84 59	83 60		81		64 48	64	69 47	55 40	53	60 41	64 35	68 45	69 52	74 • 8 52 • 3
CANSAS CITY W8 APT	MAX MIN	88 55	93 73	90 65	66 53	73 44	60 45	65 40	79 51	76 49	86 47	81 53	76 52	81 51	86 51	8 7 5 6	86 56	86 66	86 63	85 67		80			62	56 48	54 43	53	60 43	65 36	72 51	60	74.6 52.2
K C UNI / OF K C	MAX M1N	89 50	94 62	93 61	66 53	73 42	68	65 36	78 41	77	87 42	82 49	77 46	80 48	87 48	8 7 5 2	87 53	86 56	87 54	85 62		80 62			60 37	56 45	52 41	49	58 38	63 32	71 45	62 48	75 • 1 48 • 0
KENNETT RADIO KBOA	MAX	95 61	95 62	91 65	88 63	84 56	66	66 44	78 40	80	84 46	91 50	87 54	79 50	81 45	82 49	87 45	87 47	89 46	90 49		88 53	89 52		69	72 38	67 45	56 51	57 43	60 34	67 32	68 35	79.5 48.1
×100€R	MAX MIN						Í																										
KIRK SVILLE RADIO KIRX	MAX	86 45	94 61	88 66		71 33	64 40	64 34	74 41	75 42	74 40		67	76 41	83 42	87 53	86 50	81 54		85 55		82 53		65 42		64 38			54 29	62 26	72 40	73 44	75.5 44.8
KIRKSVILLE CAA AP	MAX MIN	86 49	93 59	87 61	62 46	70 37	59 40	62 37	73 37	75 43	83 44	77 45	68 45	76 42	83 46	86 50	85 54	86 52	86 52	83 57		82 54			58 33	66 36	52 41	54 38	54 30	61 26	71 33	64 38	73 • 0 44 • 4
KOSHKONONG	MAX MIN	99 61	93 66	87 66	83 67	76 53	53 48	67 41	72 41	80 47	82 51	87 53	87 52	77 52	80 49	8 0 5 1	80 52	83 53	83 53	84 55		78 54			65 40	69 41	69 49	52 46	54 38	61 35	69 36	69	76.4 50.5
LAKESIDE	MAX MIN	85 47	93 50	94 58	87 60	61 51	68 46	60 36	68 37	75	79 42	82 48	83	75 41	78 40	8 2 4 1	84 42	86 42	88 45	86 46		84	82 50		68 34	65 36	70 41	54 42	49 38	56 31	65 31	72 31	75.3 43.0
LAMAR	MAX MIN	85 58	95 60	94 71	90 55	70 50	67 43	60 36	67 40	74	79 41	84 47	84	80 50	84 52	84 50	86 52	86 54	86 54	85 54		84 5 7			65 33	70 45	71 50	54 37	54 34	61 30	67 31	69	76.5 47.9
LATHROP 3 SW	MAX MIN																		-														
LEBANON 1 ENE	MAX MIN	94 56	95 62	93 70	71 57	65 49	57 42	65 37	73 42	76 49	81 43	81 49	74 43	77 50	79 48	81 48	84 49	85 54	84 52	81 52		80 55			61	69 41	62 48	51	56 40	62 30	6,9 36	69 40	74.0 47.6
EXINGTON	MAX MIN	84 55	90 56	95 72	93 56	59 42	72 42	60 39	65 43	76 46	77 46	86 51	82 49	75 51	79 50	8 5 5 0	87 56	87 58	86 59	87 63		85 59			63 38	62 39	60 46	47 39	53 39	58 36	64 37	71	75.1 49.4
LICKING AN	MAX MIN	81 59	90 58	90 67	86 66	70 45	66 42	58 39	68 41	71	77 49	81 47	81 43	79 42	80 49	81 51	86 43	87 45	88 45	85 50		82 53	80 53		60 36	67 35	70 46	52 43	44 34	55 29	62 30	68 35	74.5 45.9
POCK #000	MAX MIN	95 58	93 65	89 70	70 58	68 52	61 45	66 38	74 43	79 48	84 47	84 52	80 47	81 51	85 53	84 55	87 54	80 55	85 58	84 58		80 57	72 60	67 55	72 37	71 42	60 44	52 38	60 41	64 33	70 39		76 • 0 50 • 3
LOUISIAMA STARKS NUR	MAX M1N	91 35	96 54	92 71	83 55	69 43	59 44	64 32	72 37	77 39	80 37	79 49	76 39	76 36	80 35	87 39	86 43	88 43	87	87 49		85			61 36	70 29	61 45	52 43	54 35	60 25	70 28	71	76.0 41.8
MACON	MAX	82 43	87 45	93	83 54	61 37	71 38	58 33	63 34	73	78 44	83 46	80	70 40	76 40	83 41	88 48	86 48	87 49	86 49		85 48	83 49	74 42	63	58 33	62 42	47 36	54 29	55 28	62 29	71	73.8 41.5
44LDEN CAA AP	MAX	94 60	93 62	88 62	87 63	68 50	65 45	66 44	72 40	80 45	83 47	89 50	79 49	78 49	78 44	8 2 4 4	86 46	87 50	89 47	89 50		87 54			67 39	73 37	56 43	56 47	58 41	61 33	67 34	67 36	77.3 47.4
MASLE HILL	MAX	94 54	95 53	90	85 58	78 53	65 38	66 41	74 31	80 35	83 38	88 40	77 39	78 39	81 34	86 34	88 36	87 38	88 36	89 40		88 45			68 30	70 29	62 33	55 49	58 41	63 27	69 25	69	78 • 3 39 • 7
MARSMALL	MAX MIN	89 51	95 64	90	70 55	70 41	69 43	64 35	74 42	77	83 40	80 51	76 43	79 51	85 50	88 50	87 51	86 55	87 53	86 53		83 58			63 37	61 43	57 43	51 39	58 39	63 32	72 37	68 44	75.7 47.5
MARSHF IELO	MAX MIN	93 57	92 68	89 69	81 54	64 48	61 42	63 38	71 43	76 45	80 43	80 51	76 48	78 54	81 54	83 57	85 50	85 56	84 55	82 55	81 55	80 60	59		60 35	68 43	64 49	50 38	54 36	59 28	68 35	70 40	74.2 48.9
MRYVILLE	MAX MIN	85 <b>5</b> 2	94 60	62	68 48	74 40	65 39	63 35	74 45	74	86	76 51	73	77 49	83 51	85 56	84 57	83 59	87 58	82 60		76	69 55		58 35	61	57 42	51 26	60 33	65 31	75 46	63 40	73.4 47.3
«EmbM1 2	MAX MIN			98	84	38	74 39	57 36	65 38	75	79 44	86 46	80 45	74 46	78 45	86 47	92 53	88 54	89 55	88 59		88 54			79 42	64 38	67 39	64 40	62 36	63 29	65 30	74 39	77.5 44.1
«Ex1CO	MAX MIN	83 43	90 50	95 65	89 57	63	69 42	57 38	65 39	73 45	78 44	80 50	80 43	71 45	76 43	82 47	86 48	87 50	87 55	86 58		85 55	55		66 37	61 39	71 43	52 43	46 33	56 30	62 30	70 39	74.6 45.7
OBERLY RADIO KNCM	MAX	87	94 63	67	67 54	69 41	58 42	62 36	73 41	77 45	82 44	80 47	69 46	75 44	82 42	82 51	85 51	88 54	82 52	85 54		83 54	75 60		39	61 39	60 43	50 41	55 33	61 30	72 38	69 43	73.5 46.5
<b>GAETT</b>	MAX MIN	95 62	95 61	95 71	88 59	64 55	69 42	62 39	67 43	75 45	78 40	.87 56	87 55	85 56	83 58	84 51	85 51	8 <b>6</b> 50	87 51	85 51	52	61	62		67 36	69 37	68 53		50 34	61 32	67 34	68 37	77.6 49.6
CUNTAIN GROVE 2 N	MAX	93 59	92 66	63	60 60	66 48	43	65 38	71 42	78 50	82 44	85 55	47	78 53	83 52	84 54	84 53	86 59	85 59	83 58	81 55	82 57			36	69 36	52 47	52 40	57 33	64 30	68 38	70	75.8 49.4
40UNT VERNON 3 SW	MAX	93 57	92 61	70		.52	60	62 36	72 42	78 47	83 40	85 48	80 44	79 54	83 54	85 50	85 49	86 50	82 49	81 50	51	80 58	60	55	63	7 0 4 0	55 46	5 O 39	57 35	62 30	69 35	68	74.4
4EOSHO	MAX	90 53	93 57	90	73 58	67 53	65	67 33	74 38	78 42	84 37	87 44	82 42	83 47	85 48	84 50	85 48	85 49	83 48	82 51	50	80 54	60	55	67 35	68 40	62 46	54 39	60 35	66 29	69 35	70	76 • 1 46 • 0
EN FLORENCE	MAX	94 58	94 69	90 68	68 56	70	62	66 40	70 49	78 45	47	84 54	79 50	82 51	85 53	86 57	85 56	86 58	84 58	83 58	57	79 62	64	54	64 37	69 47	53	53	61 39	65 35	70 43	72 46	75.6 51.3
- COMENCE	MAX	47	95 64	91 70	76 54	66 45	58 42	65 36	71	78 41	81 45	79 51	71 45	75 45	80 49	86 50	85 54	87 55	88 54	88 55		85 56	83 57	67 52	60 34	68 39	57 49	49	53 33	59 29	70 35	70 42	74.6 47.3

Deficiency 1. 1. 2	Table 5-Continued				_					_							Day	Of	Mont	h			-				_		_	_		0010	BER	
MATERIAL MAT	Station		1	2	3	4	5	6	7	8	9	10	11	12	13						19	20	21	22	23	24	25	26	27	28	29	30	31	Average
MATCHICAL RELIEF MATERIAL SALES AND ALTER	OREGON																			86 62					60	56	58	55		60	64	74	66	73.
PRINTALE CLITTICS MATE NATION 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	OZARK BEACH	MAX	93	96	95	90	73	71	66	70	79	83	87	90	88	64	85	89	89	89	89	87	85	85	81	63	69	74	56	53	63	68	75 35	79.
PRINTECTION 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	PERRYVILLE	MAX	91	95	89	83	72	65	64	72	79	82	84	84	75	78	82	86	86	88	89	87	87	88	78	70	69	63	53	56	59	69	66	77.
PRINCETON AND ALL OF TAMES AND ALL OF TA	POPLAR SLUFF	MAX	95	96	96	89			67	69	74	81	83	91	82	81	80	85	88	88	88	88	89	87	89	73	69	70	56	56	60	65 28	6.9	79.
MALL SCOTO MINIS.  MALE SCOTO MI	PORTAGEVILLE																																	
MIN 57 67 67 69 50 50 50 50 50 50 50 50 50 50 50 50 50	PRINCETON			95	92	75			65 30				85	75	80	86	88	86	82								62 35			58 28		76 37	74	77.
SAINT LOUIS WASHU	ROLLA SCH OF MINES															75 45																62 33	71 45	74.
MATE LOUIS WASTE WASTE WASTE MAY NOT BE AS A SECTION AS A	SAINT CHARLES			97 62			70 52													89 50		88 54		87 53	73 58	64	69 38			55 38		71 34	68	76. 48.
MIN S. 64 P. 50 S. 64 P. 50 S. 64 P. 50 S. 64 P. 60 P.	SAINT JOSEPH W8 APT			94 63			74 36				75 40													72 50								75 40	56 34	74.
MIN SO 08 0 57 22 40 67 50 50 50 50 50 50 50 50 50 50 50 50 50	SAINT LOUIS WE APT	MAX MIN																									67 40			52 39		68 39	68	74,
SALTE DUIS WASH 1 1 10 10 10 10 10 10 10 10 10 10 10 10	SAINT LOUIS WE CITY																															69 41	68	73. 53.
SELTEM MAIN	SAINT LOUIS UNIV													74 52										84	76 59					52 42		68 42	68 48	74. 53.
SELISMAN  MIN  SI  SI  SI  SI  SI  SI  SI  SI  SI	SAINT LOUIS WASH U						69 51				70 46			80 51		75 44																58 34	70 39	74 : 48 ·
SEVERTION L'AND D 22  MAIN  40 20 20 71 57 58 68 61 50 70 80 61 61 62 71 70 88 61 62 70 70 70 80 61 70 70 70 80 61 70 70 70 80 61 70 70 70 70 70 70 70 70 70 70 70 70 70	SALEM		84 51	92 57		88 65	70 49				72 45					76 39		82 42				85 50		83 48	83 56	62 34		68 42	52 45	46 35	56 26	59 29	70 37	74. 44.
SCALITA  MAX  01 03 06 06 06 06 06 06 06 06 06 06 06 06 06	SAL ISBURY	MAX		95 62																		87 52			64 47	63 37		58 43				71 38	67 46	75. 46.
SELIGHAM MR  MIN 50 07 60 55 4 62 00 65 60 67 60 55 64 62 00 65 60 67 60 50 67 60 50 67 60 67 60 50 67 60 67 60 50 67 60 67 60 50 67 60 67 60 50 67 60 67 60 50 67 60 67 60 50 67 60 67 60 50 67 60 67 60 50 67 60	SAVERTON L AND D 22	MAX																														70 34	69 34	74. 48.
STRESTON AND ALTER AND ALT	SEOALIA			93 67					64 40		75 49			75 49											72 50	60 36						69 42	68 42	74. 49.
SIKESTON    MIN	SEL IGMAN		94 63	91 63																					63 54								68	75 c 50 c
SIKESTON  MIN 30 61 73 55 40 43 35 40 40 37 44 66 46 38 42 46 50 47 40 51 45 33 30 4 40 31 25 3  SIKESTON CROP EXP FARM  MIN 30 61 65 55 04 41 30 42 47 48 50 48 40 44 45 48 48 46 48 33 84 50 51 39 30 42 46 43 45 38 8  SIRESTON CROP EXP FARM  MIN 30 60 61 60 50 44 44 41 38 42 47 48 50 48 48 46 44 83 58 48 50 52 40 51 39 30 42 46 43 43 48 88 48 88 88 88 88 88 88 88 88 88 88	SEYMOUR 4 NNE			95 62			64 48	58 45		70 42	75 45		80 40																			66 35	67 35	73. 45.
SIKESTON CROP EXP FARM  MIN 59 60 80 80 60 60 50 50 40 60 60 50 50 40 60 60 60 60 50 60 60 60 50 60 60 60 50 50 60 60 60 60 50 50 60 60 60 60 60 50 50 60 60 60 60 60 60 50 50 60 60 60 60 50 50 60 60 60 60 60 60 60 60 60 60 60 60 60	SHEL 8 I NA																	86 45				85 47		81 51	74 45						61 25	71 31	69 42	75 a 43 a
SPRINGFIELO W8 APT  MAX  02 09 87 67 65 57 65 57 65 75 82 62 75 82 82 75 75 82 82 82 82 84 85 52 89 85 89 87 40 60 81 85 81 81 81 81 81 81 81 81 81 81 81 81 81	SIKESTON	MAX																							90 51			71 42				60 33	67 34	78, 46,
STEFFENVILLE  MAX  86  96  80  80  80  80  80  80  80  80  80  8	SIKESTON CROP EXP FARM	MAX		94 60																						66			56 50	57 43	59 34	65 32	65 36	76 · 46 ·
SMEET SPRINGS  MAX  A1  A2  A3  A4  A3  A4  A3  A4  A3  A4  A3  A4  A3  A4  A3  A4  A3  A4  A4	SPRINGFIELO WB APT													78 53											63 47							69 39	68 42	73, 50,
TARKIO  MAX  MAX  MAX  MAX  MAX  MAX  MAX  MA	STEFFENVILLE													70 45											68 45							71 37	65 47	74, 45,
TRENTON  MAX  B9 94 B9 76 75 69 65 77 76 8 87 87 75 80 83 85 87 87 87 86 88 85 86 88 87 87 87 88 82 83 80 75 44 36 25 29 88 88 88 88 88 88 88 88 88 88 88 88 88	SWEET SPRINGS			96			71 41							75 39								86 47										74 37	69 42	764 43.
UNION 1 SE  MAX MIN  44  53  57  53  50  44  36  34  39  39  44  30  38  38  38  37  38  40  40  40  40  40  40  40  40  40  4	TARK 10			93 62	79 62		77 33			77 43									83 61			83 55			60 42							80 43	68 39	75, 45,
MIN	TRENTON	MAX			89 69	76 55	75 41	69 40			78 46	87 41		75 48	80 49	86 46	88 52	87 53	86 56	86 53	85 59	84 54	82 56			61 40			60 35			75 39	66 47	484
VANOAL IA  MAX  MIN  WERSAILLES  MAX  MIN  MAX  MIN  WERSAILLES  MAX  MIN  MAX  MAX  MIN  MAX  MIN  MAX  MAX  MIN  MAX  MAX  MIN  MAX  MAX  MIN  MAX  MAX  MAX  MAX  MAX  MAX  MAX  MA	UNION 1 SE			95 53			73 50							72 39		78 36															25	70 25	70	75 · 41 ·
VICHY CAA AP  MAX MIN  MAX MIN  MAX MIN  MAX  MIN  MAX  MIN  MAX  MIN  MAX  MIN  MAX  MIN  MAX  MIN  MAX  MIN  MAX  MIN  MAX  MAX  MIN  MAX  MAX  MIN  MAX  MAX  MAX  MAX  MAX  MAX  MAX  MA	UNIONVILLE	MIN	84 46	93 59	78 65					72 40	74	83 48	80 48	74 45	76 44	83 45		85 55	85 51		82 59	83 53		75 59	64 38	62 45	61 34					72 43	43	73, 45,
VICHY CAA AP  MAX  90  92  88  80  69  66  66  65  67  57  97  78  78  78  79  78  74  78  82  85  86  80  80  80  80  80  80  80  80  80		MIN																																
MAX 92 92 94 88 84 65 65 67 71 77 82 85 78 77 75 82 82 85 86 85 85 85 85 70 67 67 53 54 55 64 37 40 46 50 42 35 3 54 56 68 85 85 85 85 70 67 67 53 54 55 65 41 40 46 50 42 35 3 54 56 68 85 85 85 85 85 85 85 85 85 85 85 85 85		MIN																								ĺ								
MARRENSBURG C T C  MAX 92 95 90 69 70 67 65 74 76 84 80 76 50 50 50 50 50 50 50 50 50 50 50 50 50		MIN		92 65	89 67	69 51	49		63 37	70 45	75 49		78 55	73 47	47	78 49	82 56		86 59		83 59			75 55	65 44	68 37	40	48	40	34	33	69 41	69 43	73.
MAX BY 97 94 69 54 46 45 41 42 50 51 55 50 50 50 53 57 60 62 61 63 61 51 38 44 44 40 40 38 4  MARRENTON 1 N  MAX BY 97 94 68 65 64 62 72 77 81 82 81 73 79 84 85 87 89 89 86 85 84 75 63 69 62 50 52 59 7  MAX MIN  MAX BY 97 94 65 65 63 68 74 79 81 87 82 82 83 86 88 87 83 56 56 58 53 32 38 38 50 43 37 28 3  WASSOLA  MAX 94 95 90 76 65 63 68 74 79 81 87 82 82 83 86 88 87 83 82 80 73 73 66 52 57 57 65 7  MAYNESVILLE 2 W  MAX 93 94 91 82 68 62 66 74 80 84 83 76 79 77 84 87 88 87 83 84 83 74 65 61 67 59 49 53 30 30 65  MAX BY 94 88 87 94 88 87 83 84 84 83 74 65 61 67 59 49 53 60 68  MAX 87 94 88 87 94 88 87 83 84 84 83 74 65 61 67 59 49 53 60 68  MAX 87 94 88 87 94 88 87 83 84 84 84 83 74 65 61 67 59 49 53 60 68  MAX 87 94 88 87 94 88 87 94 88 87 83 84 84 84 83 74 65 61 67 59 49 53 60 68		MIN		63	63	62												47	47		50	52	54	53	55		67 40	46	50	42	35	62 34	36	76.
MAX MAX MAX MAX MAX MAX MAX MAX MAX MAX		MIN	54	74	69	54	46	45	41	42	50	51	55	50	50	53	57	60	62	61	62	61	63	61	51	38		44	40	40	38	70 45	49	75. 51.
MASOLA  MAX 94 95 90 76 65 63 68 74 79 81 87 82 82 83 86 88 87 85 83 82 80 73 73 66 52 57 57 65 7 65 7 MIN 59 62 62 60 48 44 38 39 45 42 50 50 49 50 53 50 49 52 53 52 54 55 39 39 38 35 35 36 3 MAYNESVILLE 2 M  MAX 93 94 91 82 68 62 66 74 80 84 83 76 79 77 84 87 88 87 83 84 83 74 65 61 67 59 49 53 60 6 MIN MAX 87 94 88 78 57 55 62 69 76 80 73 72 75 77 82 82 83 85 85 84 84 83 72 60 65 56 52 52 58 55		MIN									46			43					53	56	56	58	53	57	53	38	38	50	43	35	31	70 35	41	47.
MIN 59 62 62 60 48 44 38 39 45 42 50 50 49 50 53 50 49 52 53 52 34 55 39 39 38 39 35 36 3 MAYNESVILLE 2 M MAX 93 94 91 82 68 62 66 74 80 84 83 76 79 77 84 87 88 87 83 84 83 74 65 61 67 59 49 53 60 6 MEBSTER GROVES MAX 87 94 88 78 57 55 62 69 76 80 73 72 75 77 82 82 83 85 85 84 84 83 72 60 65 56 52 52 58 5		MIN																	46	47	47	47	55	58	53	32	38	43	41	37	28	73	73	74
MEBSTER GROVES MAX 87 94 88 78 57 55 62 69 76 80 73 72 75 77 82 82 83 85 85 84 84 83 72 60 65 56 52 52 58 59		MIN	59	62	62	60	48	44	38	39	45	42	50	50	49	50	53	50	49	52	53	52	54	55		39	39	38	35	35	36	36	40	47.
		MIN																								ì							68	75,
	WEBSTER GROVES													72 46							85 55											58 41	1	72 48 .

DAILY TEMPERATURES

Table 5 - Continued																																	
																Day	Oŧ	Mon	th														age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Avei
uE INGARTEN	MAX	90 55	96 64	89	81 63	68	60 42		72 41	81 50		84 59	76 47		79 43	84 50		88 57	88		88 59	87 58		78 60	64 39	70 43	65 46	49 44		60 34	38	68 45	
WEST PLAINS	MAX MIN	94 62	94 59	88	62 60	65 45	63 43	67 40	74 37	81		89 45	8I 45	80 44	83 41	87 42		88 43	89 43		84 47	83 47		67 44	68 36		56 50	51 43		65 30	70 30	68 33	
. LLOW SPRINGS	MAX	93 58	92 52	88 59		66 50	61	65	73 34	78 39		86 42	79 41	78 40	83 38	85 40		87 40	87 40		82 44	83 44		72 58	67 32		60 49	50 43		62 28	68 28	70 32	76.2 42.1
a NOSOR 3 NH	MAX MIN	91 55	95 86	88		68	65	64	72 43	76 48	81 44	81 54	75 48	78 51	.83 52	85 55	86 58	85 56	84 56	83 57	83 56	79 56	75 59	68 51	61 37	62 44	5 4 4 4	53 38		62 40	69 38	69 43	

## EVAPORATION AND WIND

1 STORM O																																	
																I	Day of	f mor	ath														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
COLUMBIA WE AP	EVAP WIND MAX MIN		82	48 86	53		65	25 68	25 72	20 77	19 77	29 79	41 72	60 73	26 77	10 82	15 79	25	25	24	78		71	72 65	36 66	48 64	35 60	78 48	61 55	17 61	68	29 65	4.07 1133 71.7 48.4
LAKES IDE	EVAP					.03										.09	·12	.14	. I 2 •16	.14 25	.09 15		.13 38			.08						.08	3.68 993
ST. LOUIS WASH UNIV	EVAP		.10 10	. 26 13		.00 47				.09		.02					.07		•09 6	.09 5	.09	.08 8	.11					.00	.00 35		.04 15		2.65

MAX AND MIN IN TABLE 6 REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

# DAILY SOIL TEMPERATURES

DEPTH	TIME															Day	of mo	nth															
DEPTH	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave

#### CONCEPTION

							_	_		_	_																						
. 'NCH	6РМ	75	79	65	66	66	61	64	68	67	71	69	69	70	74	75	75	75	74	71	75	71	74	63	60	61	54	53	58	61	63	55	67.2
3 INCHE5	6РМ	70	73	66	66	64	62	63	64	63	68	68	66	66	70	71	69	70	70	70	70	68	67	60	62	61	56	54	57	59	60	58	64.9
6 INCHE5	6PM	67	68	68	66	64	62	62	62	62	64	64	63	63	64	65	65	68	67	68	67	66	66	63	62	61	62	56	57	56	58	58	63.4
12 INCHES	6РМ	67	68	68	67	66	64	63	63	63	63	63	63	63	64	64	65	65	65	67	66	66	67	65	63	62	59	60	59	58	58	59	63.6
24 INCHES	6РМ	68	68	68	68	67	66	65	65	65	65	64	64	64	65	65	65	65	65	65	66	66	66	66	65	64	64	63	63	62	61	61	65.0
36 INCHE5	6РМ	67	67	66	66	67	66	66	66	66	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	64	64	64	64	63	65.2
72 INCHES	6PM	66	65	65	65	65	65	65	65	65	65	65	65	65	65	64	64	64	64	64	64	64	64	64	64	64	65	64	63	63	63	63	64.4

#### SIKESTON CROP EXP. FARM

										_																							
I INCH	6PM	84	85	79	84	61	55	63	62	65	69	75	70	67	67	66	73	73	7,6	70	74	73	75	67	62	63	56	54	49	50	54	54	66.9
3 INCHES	6PM	86	87	83	84	63	61	66	66	69	72	77	73	70	70	70	75	76	77	72	77	76	77	69	67	67	57	56	53	53	56	55	69.7
6 INCHES	6РМ	84	85	82	81	67	64	67	67	70	73	74	72	72	71	71	73	74	74	72	75	75	75	69	68	67	59	58	55	55	57	55	69.7
12 INCHE5	6PM	78	79	79	77	71	66	65	65	66	68	68	68	68	68	68	68	68	68	69	70	70	70	68.	66	65	61	61	58	56	55	55	67.2
24 INCHES	6 <b>PM</b>	75	76	75	76	75	72	69	68	67	68	68	68	68	68	67	67	67	68	68	68	68	69	69	68	66	66	64	63	62	60	59	68.1
48 INCHES	6PM	74	74	74	74	74	73	73	72	71	71	70	70	70	70	69	69	69	69	69	69	69	69	69	69	69	68	68	67	67	66	65	70.0
72 INCHES	6РМ	73	73	72	72	72	72	72	72	72	71	71	71	71	70	70	70	70	70	70	69	69	69	69	69	69	69	68	68	68	67	67	70.2

# STATION INDEX

							Obser-				,			-			Obse	v.	OCTOBER 1
Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Precip emit	Observer	Refer to tables	Station	Index No.	County	Drainage:	Latitude	Longitude	Elevation	Temp	Ohaana	Refer to tables
Advance 5 ESE Albany Allon 6 ENE Amily Amsterdam	0051 0127 0143	Sloddwrd Gentry Dregon OcKalb Balee	1 4	37 08 40 15 36 42 38 52 38 21	89 50 94 20 91 17 94 26 94 35	355 872 - 1620	6P 7A	Nollo Morosi William J. Suller Loyd E. Slack D. M. Colhour R. A. Eershner	2 3 5 C 2 3 5 C 3 C 2 3 5 7 C	La Bells Lakeside Lamar Lampo Forset Service Lampn 4 NNE	4894 4705 4727	Lewie Miller Bartoe Stons Stose	9	40 D7 3d 12 37 30 36 34 36 38	91 55 92 37 94 16 93 26 93 24	595 980 -	7A 7	SA James M. Ylshback FA V. S. Frame FA Waris Hane FA Orlsy F. Scott ED Mrs. A. D. Rogers	3 2 3 3 6 7 2 3 5 7 3
Aederson 1 SW Annapolis 7 SW Applelon City Arcadia Achlon 1 W	0179 0204 0224	McGonald Iron 6t. Clair Iron Clark	1 9	38 38 37 20 38 12 37 35 40 27	94 27 90 47 94 02 90 37 91 49	1000 - 800 929	5P 7A	K. M. Chamberlain Dpal G. Rutter F. Paul Eye Arcadia College Glse A. Woodruff	2 3 5 7 3 2 3 5 C 2 3 5 C	Lathrop 3 SW Lebwnon 1 ENE Leeper Less Summit 1 N Lexiegtoe	4825 4844 4848	Clistoe Laclede Wayne Jackeos Lafayetis	9 1 7	39 31 37 41 37 04 38 58 39 11	84 23 92 39 90 42 94 23 93 53	1030 1240 - 6&c	MI	SP Secil F. Maya A Brodle D. Barsett A CLOSED D Benjamie F. Smith A Silliam M. Cullon	2 3 3 2 3 3 - 4/30/53 2 3 5 7
Auxvasse Ava Ranger Siallon Sedford 1 8 Selleview Bernie	0365 0503 0539	Callaway Oouglae Livingston 1ron Stoddard	12 4 5	39 00 39 57 39 41 37 41 36 40	91 54 92 40 93 23 90 41 69 58	1060	8A MII 7A 7A	C. H. Hook U.S. Forset Service Harry S. Slephene Seulah M. Alexander Harold R. Summere	3 3 C 3 C	Lickleg 4 N Linscus 2 S Livolia Lockwood Louleiana Slarks Nur.	4978 5014 5027 5093		9 6	37 33 39 50 40 29 37 23 39 26	93 57	1277 835 - 1078 469	6P 6	7A Robert O. Dammoo 5P Neris Wade ID Mra. 1cel M. Tade 7A Bubert A. Blemme 5P 6tark Bros. Nurser	2 3 5 7 3 2 3 5 y 2 3 3
9ethany 8irch Troe 8lack 6 NW 3loomfield Bollvar	0668 0695 0735 0799	Rarrison Shannoe 1ron Stoddard Polk	1 10 9	40 16 36 59 37 37 36 53 37 37	1	916 1000 1000 440 1071	7P 7F 7A 5P 5F	Carl W. Slaughter Wildred E. Callelt Dtlo Goggin George E. Long 8W 8aptls1 Coilege	2 3 5 7 2 3 5 7 2 3 3 3 2 3 5 7 C	Louisiana Lucerne Macadosia Lookout Macos Madison	5121 5184 5175 5183	Pike Putnam Riplsy Macon Mosroe	4 1 2 8	39 27 40 27 38 45 39 45 39 28	91 04 93 18 90 54 92 28 92 12	-	7A	7A George A. Garser 9A D. A. Broweing 3P Roy C. Robleelt 7A John W. Atwell 8A Enos Wood	2 3 7 2 3 3 7 3 7
900eville Water Works 90wling Green Bradleyville 9rookfield Brunswick	0856 0878 0980 1037	Cooper Pike Taney Linn Chariton	12 4 4	38 58 39 21 36 47 39 47 39 26	93 05 93 08	950 - 767 652	5P 5F 7A 7A	D. K. 9enecke	2 3 5 3 3 2 3 5 2 3 5	Maldee CAA AP Macefield Marble Mill Marshall Marshfield	5227 5253 5298 5307	Ducklin Wrlghl Bollinger Saline Webster	12 6 7 12	38 36 37 06 37 18 39 07 37 20		297 - 532 775 1484	6P 51:	ID U.S. Civil Aero Ad 7A Hasry D. Brows 7A Gryas A. Silliams 5P Municipal Utilitie 5P Sho-Me Power Co.	2 3 3
Guffalo Bunker Burlington Juectioe Gutler Buller CAA AP	1101 1141 1145 1147	Oallas Reynolds Nodaway Bales Bales		37 38 37 27 40 26 36 16 38 18				C. D. Bighley Ralph B. Fuller Harley W. Johnson U.S. Clvil Aero Adm		Mar11neburg Maryville Maryville 7 NNW McCredie 2 W McCredie Exp. Stalios	5340 5345 5410 5415	Audraie Nodaway Nodaway Callaway Callaway	7 7 7	39 06 40 21 40 25 38 58 38 57	91 58 91 54	1169 1143	6P M	7A Fr. H. Freese SP R. S. Mostgomery ID Earl W. Trueblood ID Lelia B. Craig ID U.S. 6011 Cosserv.	2 3 5
Camdenton Campbell Canton Lock & Dam 20 Cap Au Gris Lock & Oam Cape Girardeau Mo Slale	1221 1275 1283 1291	Camden Dunklie Lewis Liecoln C Girardeau	10 6 6	38 02 36 29 40 08 39 00 37 18	92 45 90 04 91 31 90 42 89 32	940 314 488 - 347	5P 5F 7P 7A M1E 5P 5F	Mo. Conserv. Comm. Mr. M. Bob Coner Lockmaster U. S. Eegineers Teachere College	2 3 5 2 3 5 2 3 5 2 3 5 C	Memphis Mercer 6 NW Mexico Middlolown 3 NE Milas	5519 5541 5565 5578	Scotland Mercer Audrale Pike 9ullivan	6 6 4	40 27 40 33 39 10 38 10 40 12	93 38 91 53 91 22 93 07	800 -	7A	7A John W. Alexander 7A Dscar L. Hartley 7A D. N. Woods 7A Eloine M. Graham 7A Charles E. Smith	2 3 5 3 2 3 5 7 3 3
Cape Girardeau Caplinger Mills Carrollion Carthage Carulhersville	1304 1340 1356 1364	C Girardeau Cedar Carroll Jusper Pemiscot	9 7 11 6	37 18 37 48 39 22 37 11 36 11		754 962 265	6P 6F 6P 77 5P 77	Lee L. Albert S. E. Price Barold E. Floley Pbil 9. Davis Victor T. Malloure	3 2 3 5 2 3 5 .2 3 5 .2 3 5 2 3 5	Miller 2 8E Moherly Radio KNCM Moneit Monroe Cily Mora	5671 5700 5708 5754	Lawrssce Raedolpb 9arry Moeroe Beeloe	6 8 6 7	37 11 39 24 36 55 39 39 39 32	91 44 93 13	1280 850 1310 -	6P 6A M	ID Silliam A. Garoutt 6P'Radio Sta. ENCM 8A Ecneeth G. Meuser 8S J. 6. Conway ID Emma M. Meyer	2 3 5 2 3 5 3
Caesville Ranger Sta. Centerville Centerville Ranger Sta. Centralia Chadwick	1467 1472 1482 1490	Barry Reynolds Reynolds Soose Chriellan	1 1 6 12	36 41 37 26 37 26 39 12 36 36	93 03		7/ 9/ 9/ 7/	Floresce A, Karow Corda Jane Rarrisce U.S. Foresl Service Earl W. Seymour Sylvia Fleicher	3 7 C 3 7 3 3 3 3	Morehouse Moselle Mountain Grove 2 N Mouet Vernon 3 8W Neosho	5916 5934 5961 5976	New Madrid Fracklic Wrlgbt Lawrence Newton	5 3 9 8	36 51 38 23 37 09 37 04 36 52	92 19 93 52 94 22	497 1463 1174 1011	57 60 5P	4P J. A. Spence 3A Erneet J. Foster 9A Wo Fruit Exp Sta 6P Sm. E. Kirchhoff 5P D.S. Pisberles Sta	
Charleston Chillicothe 2 6 Chillicothe Radio KCB1 Clarksville Lock & Dam Clearwater Dam	1590 1595 1640 1674	Missiesippi Livingsion Livingsion Pike Wayne	4 6 1	36 59 39 45 39 46 39 22 37 07	99 21 93 33 93 33 90 55 90 47	771 - 649	4P 7/	H. D. Dupy Radio Station KCH1 U. S. Engineers U. 6. Eegineere	2 3 5 3 2 3 5 7 2 3 5 C	Nevada New Boston New Florence New Madrld Novinger 1 E	5999 6007 6040 6170	Verece Liee Montgomery New Madrid Adair	4 7 6 2		92 51 91 27 89 31 92 41	862 - 880 -	6P	7A Benry Eraft 7A Geraid B. Hill 6A Bene Henwley 7A CLOSED	2 3 5 3 2 3 5 7 - 10/1/53
Clifton Cily Clielon 1 NNW Colomn Columbia W8 Airporl Coeceptioe	1711 1773 1790 1822	Cooper Henry Carroll Boone Nodaway	9 4 7 7	38 45 38 22 39 31 38 58 40 16	93 02 93 47 93 33 92 22 94 41	1109	8A 8/ 7/ MID MID 5P SE	F. 6. Needy Loyd M. Millam Jewel 9. Trussell U.6. Wemiher Burcau Fr. Adelbelm Bess	3 2 3 5 C 3 2 3 5 6 7 C 2 3 5	Dates Tower Odessa Oregon Oregon 1 NE Dsceola 3 NE	6269 6357 6359 6407	Reynolds Lafayette Bolt Nodaway 91. Clair	7 7 7 9	37 32 39 00 39 59 39 59 39 05	95 09 95 09 93 39	~	6P N	7A Ethel Sue Adams 7A Sm. E. Dougberty 7A James M. Curry 1D Addle A. Burtnett 7A 9am B. Simmosa	3 3 2 3 5 7 3
Concordia Cook Similon Crane Mouniale Crocker Crystal City 1 N	1870 1980 2004 2031	Lafayelte Crawford 1ron Pulaski Jefferson	5 10 9 6	38 59 37 49 37 27 37 57 38 14	93 34 91 27 90 38 92 15 90 23	790 - - - 420	7/ 9/ 6F	Marlin Brockman Thomas J. Gorman Roy E. Thomlison Charles 1den Dscar F. Tidd	3 3 3 2 2 3 5	Owensville Ozark Dzark Seach Pacific Palmyra	6452 6460 6468 6493	Gaecoeade Chrislian Taney Fracklie Marloe	12 12 5 6	38 21 37 01 36 40 38 29 39 48	90 44 91 30	935 1150 700 -	8A	SA Aceta E. lman 7A silliam f. Reed 8A Empire Dis El Co 7A Artbur D. Lewis 8A Jeese E. George	3 3 2 3 5 3 3
Cuba Deering De Soto Dexter Doelphae	2156 2220 2235 2299	Crawford Pemlecot Jefferson Sloddard Ripley	10 6 10 1	39 04 36 12 39 09 36 47 36 37		344	6P 6F	Fr. C. J. Horesey Clarence E. Carnell Roy H. Dewey J. L. Jacksoe Soyce Lackey	3 3 3 3 2 3 5	Paris Parma Pattoesburg Perry Perryville	6532 6563 6633 6641	Monroe New Madrid Davicee Ralls Perry	10 4 6 6	39 29 36 37 40 03 39 26 39 43	39 52	710	5P M	8A J. W. geed 7A Laura E. Morgan ID Wade D. Moody IB Rev. C. B. Oreen 7A John 6. Bagae	2 3 5
Doniphan 2 W Dora Downing East End Edgerion	2302 2319 2406 2474	Ripley Ozark Schuyler Iroe Platte	12	36 37 36 46 40 29 37 41 39 30	92 13 B2 22 91 02 94 38	- - - 960	6P 7/	Geo. Baumgardner Alta M. Deupree Edward L. Beeler C. D. Smith Velma L. Jucksoe	3 C C C 2 3 5	Pierce City. Pleasant Hill Polo Poplar Bluff Portageville	6749 6775 6791 6799	Lawresce Caee Caldwell Sutler New Madrid	9 7 1 6	36 57 33 49 39 33 36 45 36 26	94 17 94 02 90 23 99 41	1019 332 282	7P 5P	7A John P. Davis 6A Deae T. Keorpp 7A Ralph C. Dibright 7A D. M. Richardson 5p Portageville Rev.	3 3 2 3 5 2 3 5
Edina Eldon Eldorado Spriegs Ellipah Ellingtoe	2503 2511 2519 2547	Enox Miller Cedar Dzark Reyeolds	9 12 1	40 10 38 20 37 52 36 36 37 14	94 01 92 09 90 59	934 - - -	5P 5F 6F 77	Paul D. Pettil Arthur Rothwell Clyde J. Snodgrass Loyd Price S. Pbronia Sanders	2 3 5 3 3 3 C	Potosi 2 S Princetoe Puxico Qulin Reynolds	6866 6934 6970 7094	Waebington Mercer Stoddard Buller Reynolde	10 10 1	37 54 40 24 36 57 36 36 37 24	90 10 90 15 91 05	835 - - -	5P	1D Arthur M. Riehl 5P Glen L. Swanberg 7A J. W. Steinmeler 7A Torreece J. Johns 7A Effic V. Eill	2 3 5 3 3 3
Ellsinore Elsberry Eminence 3 WNW Fairfax Farmington	2591 2617 2729 2809	Carter Lincoln Shaneon Atchison St. Francols	6 1 7 10		91 23 95 24 90 26	449 1250 - 996	9A 9/ MII 7/ 7P 6/	William Perkine Soil Conserv. Serv. Thomas J. Chilton Oillard A. Price F. M. Karscb	2 3 5 C 2 3 5 7 C	Richmond 7 N Richwoods Ridgeway 1 SE Roby Rogersville 1 ENE	7130 7214 7255	Wasblegloe Barrison Texas Websler	5 4 3 14	39 23 33 09 40 22 37 30 37 07	93 56 92 03 93 03	1420	M	10 Orelia E. Smith 7A Elma M. De Clue 10 Keith Jacksoe 7A Hoy E. Daniele 10 Euyla V. Grackee	3 3
Farsingion CAA AP Payetie Flek Forsyth Foundain Grove Wildlife	2823 2981 2975	9t. Fraecols Boward Sutler Taeey Llvingslob	10 12 4	37 46 39 09 36 47 36 41 39 42	90 14 93 06 93 18	898 760 - - 670	6P 61	D.9. Clvil Aero Adm lrvin E. 9cbeell Fred Lovell Dilo Eenyon Mo. Cons. Comm.	2 3 5 2 3 5 3 C 2 3 5	Rolla School of Minee Rolla 5 BE Rolla 3 W Rolla 4 SE Rolla 7 S	7264 7265 7266 7267	Phelpe Phelpe Phelpe Phelps Phelps	5 3 5 3	37 51	91 46 91 43 91 50 91 43 91 46	1100 865 1040	M M M	9A School of Minee 10 Walter W. Seelson 10 Walter W. Seelson 10 Mrs. B. Underwood 10 Mrs. B. P. Light ID Gertrude Poozer	
Fredericktowe Fremon1 Tower Fulton 4 6W Galena Gallalin 2 NE	3052 3079 3094 3102	Madison Carter Callaway 61one Davless	1 7 14 4	37 33 36 59 38 51 36 49 39 58	91 14 91 57 93 29 93 57	819 1025	8A 8/	R. R. Leslie U.B. Forest Service F. E. Hillgartner Barold D. Btewart Frank Bersbberger	3 3 2 3 5 C 3 3	Roued Spring Saiet Charles Saiet James 3 NW Saiet Joseph WB AP Saint Louis WB AP	7397 7424 7440 7455	Shaesoe St. Charles Phelps Buchanan Salot Louie	7 5 7 7		90 29 91 40 94 55 90 23	1005 909 552	MID M	7A C. E. Jooes 7A Charles J. Eccolg 1A Unilliam S. Joees 6A D.S. Weather Bures 1D U.S. Weather Bures	
Gerald Gower 2 N Graeby Grabl City Greenvill: 4 NNW	3300 3341 3389 3451	Franklie Clieton Newton Worth Wayee	12 4 10		94 15 94 25 90 29	985 - 1134 410	6P 7/	Edwie R. Vemmer Patricia W. Grier Mildred B. Batcher J. Homer Korn C. L. Rubotlom	3 C 3 5 7 C 2 3 5	Saiot Louis WB City Baint Louis Uelversity Saiet Louis Wasb. Uoiv 6alem Sallebury	7465 7470 7506 7514	St. L. City 6t. L. City Si. L. City Dest Chariton	6 6 5 2		90 19 91 33 92 49	570 537 1206 723	7P SA 7A 6P	1D U.S. Weather Burea 7P 61. Louis Deiv. 8A J. Bopp R. Brusl 7A E. E. Martie 6P David H. Roberleon	2 3 5 6 2 3 5
Gregory Laeding Grovespring Hailey Bamdon 2 NE Baonibal	3483 3537 3585 3599	Clark Wright Barry Charlton Marion	12 2 6	40 16 37 24 38 42 39 36 39 42	83 46 92 47 91 21	759	8/ 61 M II 7/	Albert J. Ruddick Roy W. McNeley William Madison Mary M. White Grover C. Vae Dyke	3 7 3 3 C 3	Savertoo Lock & Dam 22 Sedalia Seligman Seneca Seymour 4 NNB	7632 7645 7656 7674	Ralls Pellis Barry Newton Webeler	7 8 8 12	39 38 39 42 36 31 36 50 37 12	93 56	-	5P 7P 5P	7A Lockmaeter 7A Dr. J. E. Casbaday 7A Floyd E. Fawver 1D Bosea N. Harrison 7A Claude E. Garfit 8A Drwllle L. Payee	
Bannibal Waler Works Harris Harrisoeville Hazlegreon 2 W Benrialta	3641 3648 3713 3779	1	9 3	39 41 40 19 39 3B 37 48 38 14	B4 20 82 27 93 58	712 904 - 993	8P 7/ 8/ M1I	Roger C. Higgies Johe E. Miller J. B. Patlereon Melvio R. Gallion William R. Barrison	2 3 5 7 C 2 3 5 3 C	6helbina Shelbyville Sikeston 6lkesion Crop Exp Fm 6iloam 9prings	7728 7770 7772 7780	Shelby 6cot1 New Madrld Bowell	8 6 6 12	39 49 36 53 36 51 36 49	92 02 89 35 99 35 92 04	318	7A 5P	5P Emmelt L. Goe 7A Lucy W. Bumphreys 5P Carl D. Luper 7A Bess M. Byers	235 7
Bormaen Hermitage Bigbee 5 6 Elghpoiot 2 6w Gorcerevilla	3799 3935 3848 3999	Gasconado Bickory Boward Monileau Dunklin	9 7 7 10	39 42 37 59 39 14 39 29 36 03	93 19 92 30 82 37 90 08		8P 91 M11 M11 M11	Joaeph Wunderlich Barold E. Carlairon Bilda M. Bargia Mre. John E. Dutche Sallie E. Perkins		8kldmore Speed 2 W 8pring City Springfiold WB AP Slaubsrry	7990 7867 7876 9003	Nodaway Cooper Newton Greene Gentry	4	40 17 39 51 36 59 37 14 40 12	93 23 94 33	1265	MID W	ID Niea B. Geyer ID Richard E. Btegeer ID Gladys J. Camoroe ID U.S. Womihar Bursa ID R. Truemae Wagere	
Mouston 1 6E Jackson Jeff Clly Radio EWOS Jefleraon Clty	4021 4228 4271 4276	Texas Texas C Girardeau Cole Cols	3 8 7 7	37 20 37 19 37 23 38 35 39 34	91 59 89 40 92 12 82 11	429 537	5P 51 9P 7/	The Houatee Harald Elenor Johnson Danny Slebert KWD6 Radio Farm Robt, R. Banderson	2 3 5 C 2 3 5 7 C 3	Steelville 2 M Staffenville Slet 6 SE Stovar Sullivan 5 E	8051 8093 8112 8171	Crawford Lewle Carroll Morgan Fracklin	7 7 5	39 00 39 58 39 21 39 26 39 13	93 41 93 02 91 04	650	ı M	7A Alfred E. Goodmae 7A Fanele V. Grose 1D Edward Stevens 7A H. Kyle Vickrey 7A Georga J. Bussman	2 3 5
Jerome Jewatt Joplis CAA AD Kahoka Kannaa City WG Airporl	4299 4315 4349 4359	Phslpe Madisoo Jaepar Clark Clay	8 6 7	37 56 37 23 37 10 40 25 3B 07	94 30 81 43 94 36	710 992 741	MID MII 8/	Louin F. Brinkley Fred Goelkol U.6, Civil Aoro Adm Weeloy E. Hayden U.5, Wealhor Burnau	3 C 2 3 3 7 C 3 2 3 8 7 C	Summorevilla Summor 2 SW Sweel Springe Tarkio Tacumsch 2 N	8188 9223 8289 9313	Texas Livingstoo Baline Alchison Dzark	12	37 11 39 39 38 58 40 27 39 37	96 23 92 17	890	6P 8P	7A Ruth Wall 7A John W. Guilford 6P Perbori F. Nelson J 8P Lesler B. Worlon 7A Ray H. Hunt 8A Earl 1. McMillan	r-2357 2357
K.C. Et. John & Elswood K.C. 751b & Boiswe E.C. 37th & Raytown Rd Kanese Clly U. of K.C. Keyleeville 4 WK	4369 4374 4379 4449	Jackson Jackson Jackson Jackson Charilon	7 7 7 2	39 06 39 00 39 03 39 02 39 27	94 35 94 30 94 35 92 52	908	6P 81	Lestar Applegata Leater Applegate Leeler Applogata University of K. C. Percy W. Syan	2 3 5 C 3	Topaz 4 NK Trenion Troy Tyrons 2 N Union 1 6E	8444 8456 8488 8515	Douglas Grundy Lincoln Taxas Franklin	ь	36 59 40 04 38 58 37 12 38 27	80 28	1390 520	6P M	7A W. H. Eeles 7A Roberl L. Nichols ID Lovane A. Harrison 7A Corneliue 61ages	2 3 5 3 7 2 3 5 2 3 5
Eldder Elog City Eirkeville Radio ElEX Elrkeville CAA AP Eochmosoag	4505 4544 4649	Caldwell Destry Admir Admir Oragoo	6 6	39 47 40 03 40 13 40 06 36 38	92 35 92 33	1010 1095 - 966 958	6P 6I	Sath B. Look John M. Mariin Dow Jonee U.S. Civil Aero Adm Oenovinve T. Smith	2 3 5 3 2 3 5 2 3 3 7 C 2 3 5	Unlonvilla Vallsy Park Van Buran Vandalia Vanzant 4 86	8561	Putnes Saini Louia Carter Audrain Douglas	8 1 6 12	40 28 38 33 36 69 39 18 36 56	83 00 90 30 91 00 91 30 92 16	1092 - 766	3P	7A Georgs D. Chosis 7A Floyd V. Gibbs 7A Herla A. Geith Naomi K. Glouis 7A C. D. Smilh	2 3 5

- 154

#### STATION INDEX

OCTOBER 1953

<u></u>						01					1					01	-		
Station	ON County	Drainage;	Latitude	Longitude	Elevation	Val	Observer	Rsfsr to tables	Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Temp.	na	Observar	Rater to tables
Turns ton Thinky 2.5% Findy CAA AP French 3 Pt To a bidge 3 Pt	8603 Borgan 8812 Moriea 8614 Maries 8620 Maries 8630 Franklin	3 9	38 05 36 05 38 13	92 51 91 44 91 46 92 00 90 55	1040		SP Gens N. Bartram WID Virginia F. Suffman WID U.S. Clvil Aero Adm WID James WcKinney WID Vincent Hellman						NEW S	SKOLTATIONS					
Vacco Vaponotis Dan Varrenburg Cont. T. C. Varrenburg I W Varens So. 1	8664 Jauper 8700 Wayes 8712 Johnson 8725 Warres 8733 Benton	10 7 8	36 55 38 46 38 49	94 35 80 15 93 44 91 08 93 21	475 878 887	5P 5P	7A Laster O. Sigars 8A U. S. Engineers 8A Cant. Teach. Col. 5P W. T. Zlamerman 7A Dora Johnson	3 2 3 5 7 C 2 3 5 C 2 3 5 C 2 3 5 7	Kennett Radio KBOA Danville 1 ENE		7 Dunklin 5 Montgomery	10 7	38 13 36 55	90 04 91 31	265 330			ndio Sta. KBOA Ina L. Young	2 3 5 C
Varons So. 2 Vanhington 3 B Vanois Varor y Varonsville 2 B	8738 Beaton 8748 Fraskiis 8754 Ozark 8788 Lafayette 8777 Pulaakl	12 7	38 31 38 47 39 12	93 21 91 00 92 34 93 31 92 14	1294 790		SA John W. Burke MID Joe Ludewig 7A A. W. Pinckney 7A Jesse J. Foose 7P Ralph N. Land	3 C 2 3 5 C 3 2 3 5 7											
Pubater Grevon Velngarten Vest Plaine n immburg y inmeville	8791 Saint Louia 8799 St Genevieve 8880 Howell 8980 Callaway 8984 Wayne	1 7	37 53 36 44 38 55	90 22 80 13 91 51 91 43 90 33	\$33 1005	5P	Thomas J. McCaeloy 5P William J. Miller MID U.S. Weather Bureau MID Mary #. Crusp 7A George W. Julian	2 3 5 2 3 5 2 3 5 7 C 3											
t. se Springs to se Springs For Ser timmer 3 FG tales 5 E	8995 Bowell 9000 Bowell 9032 Johason 8178 Boilinger	1 9	38 59 39 33	91 59 91 59 93 33 89 59	-	6P	7A Ailen Frazee MID U.S. Forest Service 6A Logan Sutherland 7A J. Monroe Nuil	2 3 5 2 3 5 7											

THE CODE 1. Black 2. Chariton 3. Gasconade 4. Grand 5. Meranec 5. Mississippi 7. Missouri 8. Neosho 9. Osare 10. Saint Francis 11. Saline 12. Spring 13. Tarkio 14. White

#### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Woathly and seasonal anowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station mamea appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in malles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, heginning with July 1948.

amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tablea 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Same on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

"TIR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two
inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other
causes of local wariability in the snowpack result in apparent inconsistencies in the record.

- No record in Tablea 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

  And also on a later date or dates.

  Amount included in following measurement, time distribution unknown.

  (Caga is equipped with a windshield.

  Adjusted to a full month.

  Data for recorder stations, denoted by "C", are processed for apecial purposes and published later in Hourly Precipitation Data.

  E water equivalent of anowiall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

  One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have heen adjusted to represent the value for the full month.

  Daily values and monthly total from recording gage.

  T Trace, an amount too small to measure.

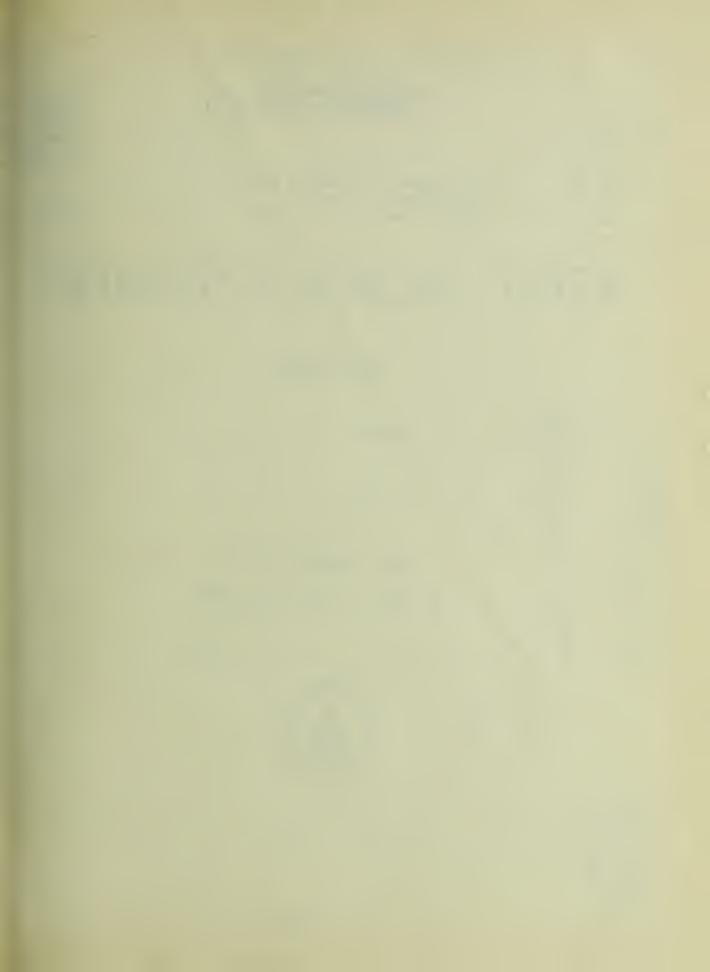
  V Includes total for previous month.

  This entry in time of observation column in Station Index means observation made near sunset.

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W.R.P.C., Kansas City, Mo. -- 12-15-53 -- 950

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# CLIMATOLOGICAL DATA

# **MISSOURI**

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#### MISSOURI - NOVEMBER 1953

#### H. F. Wahlgren, Section Director - Saint Louis

#### WEATHER SUMMARY

November was the 7th consecutive month of above normal temperature and below normal precipitation. Average rainfall for the month was 1.01 inches, or 1.72 inches below normal. This brought the yearly total for the State to 24.14 inches which is 14.16 inches below normal, and the least on record for this period with the exception of 1901, when 22.67 inches was recorded. The greatest total precipitation for the month of November was 2.33 inches at Koshkonong in the Southeastern Division, and the least was 0.16 inch at Brunswick in the Northern Division.

Average temperature for the month was 46.5°, or 1.9° above normal. Caruthers-ville had the highest mean temperature in the State, 51.2°, and the lowest mean was 42.9° at the CAA Station at Kirksville. Doniphan and Ozark Beach had maximum temperatures of 81° on the 2d, the highest recorded in the State during the month. On the 28th minimum temperatures of 9° were recorded at Louisiana and a Steffenville, the lowest for the month.

Snow fell over the northwest and west-central sections of the State on the 7th. The greatest monthly total was 4 inches at Osceola. The only State-wide rainfall of the month was received on the 19th and 20th. Distribution of this precipitation was fairly uniform throughout the State. Widely scattered rain fell on the 24th and 26th, but amounts were light. The 2d was a very warm day, the warmest of the month at most stations, with afternoon temperatures in the upper 70's as a rule throughout the State. The 3d was cooler, and much cooler weather began on the 5th, with minimum temperatures in the upper 20's and low 30's for the following several days. A warming trend on the 11th and 12th was the beginning of another warm period with afternoon temperatures in the 70's over most of the State from the 13th through the 18th and in the eastern portion on the 19th Cooler but not unseasonably low temperatures prevailed from the 20th to the close of the month with most stations reporting their lowest temperatures for the month on the 28th.

Corn, cotton and soybean harvests were nearly completed as the month began. This was one of the earliest harvests of record. Pastures had long since ceased producing any significant amount of feed. Fall-sown grains were up to spotty stand, and were growing very slowly. Subsoil moisture supply was very low. The topso: was also very dry until the rains of the 19-20th, and the effect of these was diminishing by the end of the month. Water for livestock was a continuing problem for many farmers some of whom had been hauling water for months. Large quantities of hay were being imported to help carry livestock through the winter.--AJC

# SUPPLEMENTAL DATA

MISSOURI NOVEMBER 1953

	Wind	direction		Wind m.	speed p. h.		Relati	ve humi	dity ave	rages -		Numl	per of d	ays with	precip	itation			inset
Station	Prevailing	Percent of time from prevalling	Average	Fartest mile	Direction of fastest mile	Date of fastest mile	12,30A CSŢ	6130A EST	12:30P CST	6:30P CST	Trace	6010.	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
OLUMBIA WE AIRPORT	S	12	10.8	45	NW	26	64	73	44	50	5	1	1	0	0	0	7	76	3.6
ANSAS CITY WB AIRPORT	S	19	10.6	40	SW	20	68	75	53	53	7	2	1	1	0	0	11	60	4.5
. JOSEPH WB AIRPORT	-	-	10.9	43	NW	26	-	77	50	58	6	1	2	1	0	0	10	71	4.3
T. LOUIS WE CITY	SW †	14†	12.1	47	SW	20	63†	70†	46†	49†	6	2	3	0	0	0	11	81	3.7
PRINGFIELD WE AIRPORT	SSE	18	12.5	38	S	20	68	77	50	58	2	4	0	0	1	0	7	74	3.9

†--- airport data

COMPARATIVE DATA

NOVEMBER

I STORE T																				
	T	emperatu	ire	P	recipitati	040		Ť	emperatu	10	P	recipitatio	on		Te	emperatu	r•	P	recipitati	on
Yesz	Average	Highert	Lowert	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more
1888 1889 1890 1891 1891	41.8 39.9 46.5 39.8 40.1	87 78 80 82 79	15 8 14 - 7 9	3.39 3.52 2.38 4.14 2.75	0.8 T	7 7 5 8 6	1913 1914 1915 1916 1917	51.7 48.8 49.5 46.9 46.1	80 89 87 85 80	11 2 12 3 8	2.71 0.89 2.83 2.46 1.23	0.1 0.1 0.1 0.1	7 3 5 4 3	1938 1939 1940 1941 1942	45.9 43.5 42.2 45.5 47.9	89 78 83 85 82	2 12 - 2 10 6	4.28 2.58 3.46 2.29 4.27	1.3 0.0 1.2 1.9 0.8	6 7 9 7 11
1993 1894 1885 1896 1897	40.9 41.0 41.6 42.3 43.4	79 80 82 82 82	- 1 3 - 4 - 5 - 3	1.70 1.56 3.80 2.43 2.63	0.3 T 3.2 0.2 T	4 4 8 6 8	1918 1919 1920 1921 1922	44.9 42.2 40.9 45.8 47.8	85 78 82 84 84	12 2 8 10 15	3.26 3.57 1.08 3.11 3.68	1.2 1.0 T 0.4	6 6 6 5 7	1943 1944 1945 1946 1947	42.7 47.0 46.3 47.0 41.0	81 88 86 81 73	9 1 6 13 9	0.93 2.34 1.39 6.44 2.65	0.4 0.2 0.2 T 0.5	3 9 5 10 11
1896 1890 1900 1901 1902	39.9 49.5 43.7 43.8 50.1	79 82 84 84 85	- 8 18 7 9 18	2.32 2.02 2.99 1.48 3.73	2.3 0.2 0.2 0.3 0.4	8 7 8 4 9	1923 1924 1925 1926 1927	45.1 46.7 42.8 39.6 48.8	79 88 80 78 29	14 4 - 2 0 12	2.25 1.78 3.05 3.01 3.66	3.0 0.5 2.0 4.3 0.9	8 4 6 7 7	1948 1949 1950 1951 1952	46.5 47.6 39.9 38.4 44.9	87 87 90 78 88	10 10 -12 - 4 - 1	3.64 0.45 1.69 3.75 3.44	0.2 T 1.1 8.0 1.2	9 2 6 8 7
903 904 1905 1906 1907	40.9 46.3 45.8 42.5 43.8	79 83 83 88 88	2 11 2 - 3 11	1.27 0.22 1.87 3.58 2.24	1.1 T T 5.0 T	5 2 8 8 4	1928 1929 1930 1931 1932	44.6 39.0 45.8 52.2 39.5	79 78 83 87 75	9 - 8 8 17 - 9	5.02 1.48 2.93 5.42 1.87	0.5 2.1 T 1.4 4.5	10 6 5 11 5	1953	46.5	81	9	1.01	.2	3
.900 .900 .918 .911 912	47.8 53.8 42.0 39.1 45.9	87 87 83 83 85	9 11 11 - 3 12	3.90 4.32 0.35 2.83 1.50	0.2 0.4 0.1 1.1 0.1	8 8 3 7 3	1933 1934 1935 1938 1937	45.9 48.5 42.2 42.2 41.0	83 84 82 79 90	7 18 10 0 - 7	0.93 5.71 4.18 1.89 1.85	0.2 4.8 0.1 1.4 4.1	4 10 10 3 7							

verages for the period 1948 to dote have been weighted according to ares and are not comparable with unweighted values published in this table for earlier years.

				Tem	perat	ure										P	recip	itation			
				-						N	io. of	Day	-		7			Snow.	Sleet H	aíl	No.
Station	ige Marie	96		North	Ţ,		- T		• Days	Ma	DX.	M	ln.		hure	set Day			Depth		r More
	Average	Average	Average	Departure From Normal	High	Date	Lower	Date	Degre	90° or Above	32° or Below	32° or Below	Do or Below	Total	Departure From Norm	Greatest	Date	Total	Max. Depth on Ground	Date	.01 or
NORTHERN DIVISION																					
ALBANY AMITY 8ETHANY 8ROOKFIELD 8RUNSWICK	58.0 57.5 58.4M 60.5 58.5	32.8 34.2 32.1 33.2 34.6	45.4 45.9 45.3M 46.9 46.6	2.5	78 76 76 75 75	2 2 2 2+ 2+		8 8 28 28 28	580 567 584 538 544	00000	00000	17 17 18 18 14	0 0	1.42 1.61 1.16 .25	29 - 1.07 88 - 2.03	.84 1.59 1.08 .15	20 20 20 20 20	.0 T T .0	00000		3 2 2 2 1
CANTON L & D 20 CARROLLTON CHILLICOTBE RADIO KCHI COLUMBIA WB AP R CONCEPTION	56.7 56.2 59.2 57.5 58.7	32.4 33.2 32.5 35.4 33.9	44.6 44.7 45.9 46.5 46.3	1.9 4.6 3.3 4.9	75 72 75 76 77	2 2 2 18 2+	10 19 17 21 19	28 28 28 28 28 28	601 601 569 548 556	00000	00000	16 17 12	0 0	.46 .63 1.09 .42 1.02	- 2.25 - 1.03 - 2.19 72	.33 .41 .62 .39 .49	20 19 19 19 21	7 .0 T	0 0 0		4 2 3 2 3
EDGERTON ELSBERRY FAYETTE FOUNTAIN GROVE WILDLIFE FULTON 4 SW	57.9 58.1M 58.2 59.0 58.6	32.8 31.3 33.3 28.4 31.7	45.4 44.7M 45.8 43.7 45.2	3.6 1.3 3.6	76 76 75 75 76	2 3 2+ 2 19	17 12 16 11 18	8 28 28 10 28	582 571 633	00000	00000	19 20 15 22 18	0 0	.92 .74 .32 .60	- 1.05 - 2.08 - 1.78 - 1.71	.75 .50 .22 .40	20 20 20 19 20	1.0 .0 .0 T	0 0 0		2 2 2 1
GRANT CITY HANNIBAL WATER WORKS KANSAS CITY W8 AP R KIDDER KIRKSVILLE RADIO KIRX	57.6M 55.9 56.4 56.3M	32.8 34.5 38.2 31.6M	45.2M 45.2 47.3	3.3 3.1 3.0	76 74 74 74	2 2 2 2	18 15 27	28 28 28 28	584 586 522 620	0 0 0	0000	17 14 12	0	1.77 .66 1.10	08 - 1.40 - 1.07 -	1.45 .52 .82	20. 19 19	1.8	0 0 1	7	3 3 4 2
KIRKSVILLE CAA AP R LATHROP 3 SW LOUISIANA STARKS NUR MACON MARYVILLE	55.2 56.8 58.6 56.2 55.0	30.6 33.9 31.1 30.2 32.0	42.9 45.4 44.9 43.2 43.5	.8	73 75 75 74 76	2+ 2 2+ 19 2	12 22 9 11 20	28 6+ 28 28 28	655 582 597 635	0 0 0 0	00000	18 17 17 19 18	0	.44 1.64 .40 .70 1.36	- 2.06 - 1.49 56	.25 .26 .64	19 20 20 19	T T T • 0	0 0 0 0		33333
MEMPHIS MEXICO MO8ERLY RADIO KNCM NEW FLORENCE OREGON	57.7 58.1 57.1 57.7 55.2	31.4 33.3 33.9 35.2 34.6	44.6 45.7 45.5 46.5 44.9	5.3 2.8 3.6	76 76 76 75 75	19 19 18 2+ 2	12 18 16 18 20	28 28 28 28 28	578 549 595	00000	00000	19 16 14 10 17	0000	.61 .57 .83 1.13	- 2.38 - 1.66 - 1.71 40	.43 .54 .43 .98	20 20 20 20 20 20	.0 .0 T T.	0 0 0 0 3	7	3 2 2 3 4
PRINCETON ST CHARLES SAINT JOSEPH W8 AP R SALISBURY SAVERTON L & D 22	59.7 60.0 55.9 58.6 57.2	30.4 35.1M 34.0 34.1 36.7	45.1 47.6M 45.0 46.4 47.0	2.3 2.7 3.5	76 78 77 76 76	2 2 2 18 2	12 18 21 16 17	8 28 8+ 28 28	590 521 595 551 534	0 0 0 0	00000	17 11 17 13 10	0 0	1.01 .89 1.10 .54 .46	- 1.22 90 - 2.69	.55 .39 .82 .28	19 22 19 19 20	T 1.3 T T	0 0 1 0	7	4 5 4 2 2
SHELBINA STEFFENVILLE IARKIO TRENTON UNIONVILLE	57.7 57.1 57.1 59.9 55.4	31.4 33.3 32.0 34.3 32.8	44.6 45.2 44.6 47.1 44.1	1.7 4.5 4.9 3.8	75 75 79 75 73	18 18 2 2 2	11 9 18 23 13	28 28 8 9 28	606 585 603 530 618	0 0 0 0	0 0 0 0	16 16 19 15	0	.54 .19 1.55 .98	- 1.56 - 2.00 19 - 1.14 - 1.61	.51 .17 .67 .89	19 20 20 20 20	.0 T 2.0 .0	0 T T 0	22 20+	2 2 4 3 3
VANDALIA WARRENTON 1 N DIVISION	59.1	35.8	47.5	4.3	76	18	16	28	520	0	0	13	0	.80	- 1.82 - 1.39	.80	23	.0	,0.		1
			,	7.2										*05	1.55			**			
SOUTHWESTERN DIVISION ANDERSON 1 SW APPLETON CITY BOLIVAR BOONVILLE WATER WORKS BUTLER	61.0 60.0 59.5 56.2 58.5	28.7M 34.2 36.8 34.6 36.0	44.9M 47.1 48.2 45.4 47.3	- 4.4 1.1 1.4 2.9	74 75 75 73 73	2+ 2+ 1 3+ 2	12 21 22 19 24	28 28 28 28+ 9+	596 531 499	00000	00000		0	.92 .82 1.15 .26 1.15	- 2.43 - 1.48 - 1.43 - 1.95	.92 .66 .53 .26	20 19 20 20	.0 .5 1.0 .0	0 0 0		1 2 4 1 3
BUTLER CAA AP CAMDENTON CAPLINGER MILLS CARTHAGE CLINTON 1 NNW	56.9 59.9 60.3 60.5 55.8M	35.0 32.1 34.3 35.1 32.7M	46.0 46.0 47.3 47.8 44.3M	- '2.7	72 76 76 74 74	2+ 18 18 2	25 15 19 20 19	6+ 28 28 9 28	565 564 525 508	0 0 0 0 1	0 0 0 0	15 16 12 13	0	1.10 .66 1.16 .80 1.20	- 1.60 96	.85 .34 .59 .80	19 20 19 20 19	.4 1.0 .0	T . 0 . 0	7	4 5 3 1 1
ELDON HARRISONVILLE HERMITAGE JEFF CITY KWOS JOPLIN CAA AP	59.1 58.0 61.1 59.6 5941	36.0 36.2M 27.3 34.2 39.1	47.6 47.1M 44.2 46.9 49.1	2.8 4.6 2.8	76 75 75 77 77	18 2 2+ 18 3	19 23 10 16 25	28 10 28 28 28	516 533 615 536 470	0 0 0 0 0	00000	11 23 14 9	0	.68 1.76 .61	- 1.77 38 - 1.78 - 1.81	.34 1.65 .61 .92	19+ 20 20 19	T 1.0 .0 T	0 1 0 0 0	7	2 3 1 3
K C UNIV OF K C LAKESIDE LAMAR LEBANON 1 ENE LEXINGTON	56.1 60.3 60.0 59.9 55.9	36.2 32.2 32.5 35.2 35.2	46.2 46.3 46.3 47.6 45.6	1.4 1.8 .0 2.0 1.4	72 76 74 78 73	2+ 3+ 3 13	22 18 20 19 25	28 28 28 27 6+	558 515	00000	00000	13 17 15 11 15	000	1.24 .57 .57 1.04 1.30	64 - 3.14 - 1.96 - 1.60 82	.77 .53 .57 .76	19 20 20 20 20	.0 T .0 1.0	0 0 0		3 2 1 5 3
LOCKWOOD MARSHALL MARSHFIELD MONETT MOUNTAIN GROVE 2 N	61.0 57.9 60.9 60.0	37.4 35.2 34.1 36.6	49.2 46.6 47.5 48.3	2.2	74 73 74 75	2 2 4 2	19 20 20	6 28 9+ 28	465 547 496	0 000	0 000	8 11 15 12	0	.79 1.40 1.53	- 2.04	.78 .32 1.30 1.06	20 20 20 20	.0 T .0 2.5	0 T 0 2	6+ 7	2 4 2 4
MOUNT VERNON 3 SW NEOSHO NEVADA OZARK BEACH SEDALIA	59.2 61.7 59.7 64.4 58.6	34.5 33.7 37.2 30.3 35.6	46.9 47.7 48.5 47.4 47.1	1.1 .4 3.7 3.8	73 74 74 81 74	2+ 2+ 2 3 18	21	9+ 28 9 28 28	539 513 489 530	00000	00000	13 13 10 21 12	0000	.99 .84 1.52 1.20	- 1.95 - 2.46 63 - 1.57 - 1.37	.58 .48 1.52 1.20	20 19 19 20 20	T T T .0	0 0 1 0	7	4 2 ·1 1 2

AME 2 CONTINUED

:ABLE 2 - CONTINUED	CONTINUED Temperature																			1400	LMO	EK .	1900
_	_			Ten	npera	ture				_					·	I	recip	itation			,		
				_						L	No. o	Dey	•					Snow	Sleet, H	lail	No	o. of I	Days
Station		1 . 9		9 6	_				Days	М	lex.	Mi	in.		e E	nt Day	ļ		apth and		More	More	
	Average	Average	Average	Departure From Normal	Highes	Date	Lowest	Date	Degree	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest	Date	Total	Max. Depth on Ground	Date	.01 or	.50 or	1.00 or More
YMOUR 4 NNE YMOUR 4 NNE NUFIELD WB AP E SPRINGS SAILLES	59.1 57.1 57.3 59.5	33.2M 35.7	48.3M 45.2M 46.5 46.4	- 1.0 7 2.0	72 72 73 76	2+ 2 2 2	23 18 23 14	9 28 28 28	497 586 548 549	0000	0 0 0 0	12	0 0 0	.94 .90 1.09	- 2.15 - 1.99 - 1.66	.94 .60 .1.00 .18	20 20 19 20	.0 2.8 T T	0 T 0	6+	1 3 5 3	1 1 0	0 0 1 0
NSBURG CENT T C AN NO. 1 AN OLA AN YNESVILLE 2 W BORR 3 NW	58.0 60.5 62.2 61.4 58.1	32.8 36.7	48.4M 46.7 49.5 46.9	3.4	73 76 75 77 73	2 2 3 2 18	15 23 22	28 29 28	478 544 459 537	00000	00000	15	0	.97 .71 .97 .71	- 1.25 - 1.93	.88 .51 .70 .51	20 20 20 20	1.0 1.5 .0 T	0 2 0 0 1	7	3 3 4 4 2	1 1 1 1	0 0 0 0 0
V SION			47.0	1.4										.93	- 1.74			.4					
VANCE 5 ESE CADIA B CH TREE LACK 6 NW CAMPBELL	61.0 60.1 62.4 61.0	35.0 31.2	45.7 47.6 46.8 44.9M	4 3.7 .2 .2	77 75 77 77	19 2 2+ 2	16 20 13 11	10 28 28 28	575 518 538 602	0000	0 0 0 0	19 18 18 21	0	1.16 1.38 1.97 1.37	- 2.12 - 1.74 - 1.19 - 1.35	.82 .65 1.26 .75	22 19 20 20	.0 .0 .4 T	0 0 T 0	6	3 3 3 3	1 1 2 2	0 0 1 0
PE GIRARDEAU MO ST THÆRSVILLE "ARLESTON LARÆITER DAM YSTAL CITY 1 N	60.4 63.7 60.8 61.7 59.7	38.6 M 35.0M 31.6	47.8 51.2 47.9M 46.7 45.5	1.6	75 78 76 77 77	2+ 3+ 2+ 2	27	28 28 28 28 28 28	510 411 504 543 580	00000	0,0000	12 8 18 19	0 0 0	.96 1.47 1.32 1.57 1.20	- 2.62 - 2.38 - 2.22	.68 1.11 1.11 .95 .60	22 22 22 20 22	T .0 .0 .0 .0 T	0 0 0		4 3 4 4 4	1 1 2 1	0 1 1 0 0 0
PHAN M MGTON ARM MGTON CAA AP EENVILLE 4 NNW STON	65.6 60.6 59.3 63.0	34.1 30.5 29.7	48.0 47.4 44.9 46.4 46.1	2.6 1.0 6	81 76 76 78 76	3 2 2 2+ 2	16 14 13 15 16	28 28 28 28 28 6+	505 524 599 554 550	00000	00000	20 13 16 21 18	0 0	1.89 1.25 1.26 1.35 1.68	- 1.53 - 1.57 - 2.01 85	1.06 .52 .52 .67 1.08	20 22 19 22 20	.0 T T	0 0 0		4 5 7 6 5	2 1 2 1	1 0 0 0 1
MACKSON KENNETT RADIO KBOA KENNONG LIKING 4 N MALDEN CAA AP R	61.8 63.1 60.2 59.1 61.8	35.9 37.8 33.8	47.1 49.5 49.0 46.5 47.9	.5 .0 1.2	77 78 73 75 78	2+ 3+ 3+ 3	16 21 23 19 20	28 28 6+ 9 28	535 461 473 508	00000	00000	19 12 9 15	0 0 0	1.02 1.61 2.33 1.15 1.18	- 2.36 93 - 1.49	.6.7 1.10 1.38 .84	22 22 20 20 20 22	T .0 2.8 .0	0 0		4 5 5 4 5	1 1 2 1	0 1 1 0. 0
MARBLE HILL PE WYILLE POPLAR BLUFF ORTAGEVILLE ROLLA SCHOOL OF MINES	62.3 61.4 63.8 62.9 59.1	32.1 32.2 36.4	45.0 46.8 48.0 49.7 47.9	2 .3 2.9	77 77 80 78 76	4 2 4 3 3	12 13 17 23 17	28 28 28 28 28 28	592 539 503 456	0 0 0 0	0 0 0 0	22 18 19 10 13	0 0	1.15. 1.07 1.78 1.44 .87	- 2.40 - 1.70 - 1.81	.83 .86 1.02 1.11 .58	22 22 22 22 22 20	.0 T .0 .0	0 0 0		3 4 6 4 2	1 1 1 1	0 0 1 1 0
ANT LOUIS WB AP R SANT LOUIS WB CITY R SAN LOUIS UNIV ANT LOUIS WASH U SALEM	58.1 58.2 58.2 59.8	40.5 35.4	47.6 49.0 49.3 46.8 46.1	2.6 3.0 3.6 1.9	75 77 77 75 75	2 2 3 3	20 25 25 20 15	28 28 28 28+ 28+ 28	516 473 463	0 0 0 0	0 0 0 0	11 7 8 12 16	0 0	.83 .84 0.94 1.01 1.29	- 1.74 - 1.88 - 1.60 - 2.72 - 1.35	.43 .38 .54 .58	21 21 22 23 20	T T .0	0 T 0 0	25+	5 5 3 3 2	0 0 1 1	0 0 0 0
::KESTON KESTON CROP EXP FARM A DN 1 SE CHY CAA AP PAPELLO DAM	61.8 60.6 59.2 57.8 61.8	33.8 30.2 35.3	47.6 47.2 44.7 46.6 48.2	- 1.4	78 76 78 75 77	4 3+ 1 2 4	19 20 13 18 21	28 28 28 28 28 28	526 602 544	0 0 0 0	0 0 0 0	13 18 20 11 13	0 0 0	1.11 1.19 .52 .92 1.07	- 2.45 - 2.23 - 2.44	.88 .90 .32 .50	22 22 20 19 22	.0 .0 T T	0 0 0		5 4 2 4 5	1 0 1	0 0 0
≪EBSTER GROVES  ≪E NGARTEN  «ES PLAINS  « ILLOW SPRINGS	58.3 60.1 60.4 59.7	38.1 32.1	46.8M 49.1 46.3 45.4	1.0	76 77 77 75	2 2 3 2+	18 17 18 16	27 28 28 28	540 471 554 580	0000	0000	12	0	.94 .83 1.67 .89	- 2.37 - 2.45	.55 .83 1.02 .71	22 22 19 20	T T 3.0	0 0 T 0	7	3 1 5 4	1 1 1	0 0 1 0
DIVISION			47.2	1.1										1.25	- 2.04			•2					
STATE			46.5	1.9										1.01	- 1.72			.2					

Station	Total	1	2	3	4	5	ь	7	8	9	10	11	12	13	14	onth 15	16	17	18	19	20 :	21 2	2 2	3 24	25	26	27	28	29	30
DVANCE 5 ESE	1.16		L																Т		•22		. 82		12					
LRANY LTON 6 ENE MITY NOERSON 1 SW	1.61	-	-	-	ī	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.84 - .59	.02		-	-	-	-	-	*12 T	-
NNAPOLIS 7 SW PPLETON CITY RCAUIA UXVASSE VA RANGER STA	1.68 .82 1.38 .59 1.06							.16										•25	.09	.04 .66 .65	.38		.60 T	т	•0	Э Т			т	
ELLEVIEW ERNIE ETHANY IRCH TREE LACK 6 NW	1.25 1.26 1.16 1.97 1.37						.08												.01 T	T ]	.70 .16 .08 .26	.03 .08	55 90 7 63	•	.0	Ŧ			т	
LOOMFIELO OLIVAR OONVILLE WATERWKS OWLING GREEN RAOLEYVILLE	1.29 1.15 .26 .37	_	_	_	_	_		•21	_	_	_	_	_	_	_	_	_	_	т	.04	.24 .53 .26 .34		г	04 T T 03	D1 T	2	_	_	_	_
ROOKFIELO RUNSWICK UFFALO UNKÉR URLINGTON JUNCTION	.25 .16 1.06	-	-	-	_	-	-	.25	-	-	-	-	-	_	_	-	-	-	-	_	.15 .16 .78 -	. 05	<u>-</u> -		03 -	-	_	_	20	_
UTLER UTLER CAA AP AMOENTON AMPBELL ANTON L ANO O 20	1.15 1.10 .66	-	-	-	-	-	.09	•22 •14 •07	_	-	-	_		-	-	-	-	-	-	.79 .85	.14		. 02 -	• •	02 03 T	- T		-	_	-
APE GIRAROEAU MO ST APE GIRAROEAU APLINGER MILLS ARROLLTON	.96 .86 1.16							•23											т	.59	.12 .08 .34		68 68	* *		.05	•01		•05	
ARTHAGE ARUTHERSVILLE ASSVILLE RANGER STA ENTERVILLE ENTERVILLE RANGER STA	1.47 1.25 1.23 1.18							т												T 1	•25 •64 •62	т .	. 11 . 58 . 56	T	-1 T	5 T				τ
ENTRALIA HAOWICK HARLESTON HILLICOTHE 2 S HILLICOTME RAOIO KCHI	1.13 1.32 .99 1.09				т														.04	.62	.40 .13 .02 .97	1	•11		15				.02	
LEARWATER DAM LIFTON CITY LINTON 1 NNW OLOMA OLUMBIA WB AIRPORT R	1.57 .30 1.20 .86							т											Т	.01	.95 .27 .86	,	.57 T	. T	03	4 Т Т		T		
ONCEPTION ONCOROIA OOK STATION RANE MOUNTAIN ROCKER	1.02 .72 1.04 1.56							т												•20 T	.40 .71 .72	-49 T	.30 .55	*			т		•13	Т
URA FERING E SOTO EXTER	.76 1.29 1.01																		.24 T	.07	.31 .51 .17	. 05	.60 .23 .98	01 14 01	01	т				Ţ
ONIPHAN ONIPHAN 2 W AST ENO DGERTON	1.89			т				•17											т	.19 1	.06 .98 .56	T .	.84 .55 .50		09 ·1					
DINA LOON LOORAOO SPRINGS LIJAH LIINGTON	.50 1.31 1.23							.10												•34	.43 .34 .29 .10		21	T	T	T			T	
LLSINORE LSBERRY AIRFAX ARMINGTON ARMINGTON CAA AP	1.68 1.25 1.26	-	-	-	-	-	-	.30	-	-	-	-	-	-	-	-	-	-	- 12	+23	.50 .08 .48	-   ·	•24	01	.3	1 T	-	т	-	
AYETTE ISK ORSYTH OUNTAIN GROVE WILDLIFE REDERICKTOWN	1.24	-	-	-	-	-	-	-	-	•	-	-	-	-	-	-	-	-	T -	.10	•22 •34	- 20	.78  .70	т_	.1 -	2 -	-	Ţ	-	
REMONT TOWER ULTON 4 SW ALENA ALLATIN 2 NE	1.15																			.01	.95 .60 .45		55 r 25	•	02 T			_		
ERALO RANBY RANT CITY REENVILLE 4 NNW REGORY LANOING	.72 .89 1.77 1.35																			•14	.60	•02	•67		01 .0 T				•18 •05	
ROVESPRING AILEY ANNIBAL ANNIBAL WATERWORKS ARRISONVILLE	1.03 1.12 .71 .66 1.76						Т	.10	•05 T											•61	.62 .51 .55		.05 .10		01 T T	T T		т	•06	
AZLEGREEN 2 W ERMANN ERMITAGE DUSTON ACKSON	1.68 1.02							.05 .18											τ.	.68 -	.64 .05 -		. 22	•	11	•10				
EFF CITY RADIO KWOS EFFERSON CITY EROME  DPLIN CAA AP	.61 .32 1.00						т	•03													.61 .32 .89		11	Ť T	Т	• • • •			т	1
AHOKA ANSAS CITY WB APT R C UNIV DF K C ENNETT RAOID KODA EYTESVILLE 4 NE	1.10 1.24 1.61	-			т -	_	_	•18 •20		T		_	-	-	-		_	-	-14	.82 .77 .01	.08 .27 .25	T 1	.10		-	T -	-	•02	T -	1
IDDER ING CITY FRESVILLE RADID KIRX FRESVILLE CAA AP R DSHKDNONG	.42	т	Ξ	Ξ	- -	Ξ	-	.21	.13	1 -	-	I	-	:	Ξ	Ξ	-	Ξ	-	T .25		-	.57		- T T	- T T	-	.05	- T	1
USHRUNUNG A BELLF AKESIDE AMAR AMPE FOREST SERVICE	.75 .57 .57					т		7	719											.60	•15 •53 •57		r	•		т				1

Table 3-Continued																													NOVEM	DEK 1	953
Station	Total	1 2	3	4	5	6	7	8	9	10	11	12		of m	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
LENGTH S SN DANGTH I ENE ULL NUTCH ENG 6 N L NAC 6 N	1.64 1.04 1.30 1.15			.03			T .08 .01	.05												1.61 .76 1.28 .84	.01	.09		•06 T •01		т			т		
UN RECOD UN STANA STARKS HUR UN STANA UN ST	.80 .40 .39 .86																	т	T .08	•91	•02 T	.08 .05	т	T • 11	T T			•	.06 .01 .04		
MACON MAD SON MALDER CAA AP MANSFIELD MANSFIELD	.70 .45 1.18 1.43 1.15							• 19										т	•06	.64 .45 .04 1.07	.40	.53 .17 .83		.15 T						т	
WAR SMALL WAR THE ELD WAR THE SAME WARTHILLE WENT S	.79 .87 1.35		~	-		Ŧ	•22	-	~	-	-	•	-	Ť		-	-	-	- 22 T .72	.32 .82 .48 .43	-12	.03 T	-	Ť	Ť	•05	-	т	T .16 .06	-	
wf N 0 6 hu we stee C out of Town 5 he we land we deally paolo anch	.78 .57 .50 .74 .83																		.40	.54 .50 .74 .43	.03		т		т				*02		
WONEY? WONEYOUSE WESELLE WOUNTAIN GROVE 2 N WOUNT WERNON 3 SW	1.49 1.03 .80 1.53						•21	.04										•01	•	.43 .01 .50	т	.90 .22	•30	• 11 T	т	т			•06		
NE OSPO NE V BOSTON NE V BOSTON NE V FLORENCE	.84 1.52 .38 1.13						T T											т	1.52	.36 .38 .98		.12		т	.03	т					
AT S DWER ODESSA AREGON EDLA 3 NE THENSVILLE	1.48		-	-		-	- •08 •25 •22	т -		-	-	-	-	-	-	-	-		-	1.40 1.24 .53	- 06	-	-	- 03 T	-	T _	-	-	т -	-	
DARE BEACH PACIFIC PALMYRA RAB 5	1.26 1.20 .98 .72																		•02	1.18 1.20 .62 .65	•07	.30	.04		т	т	т		т		
PARMA PEROTVILLE PACE CITY PLIASANT HILL POLO	1.18 1.07 1.18 1.87			т			.04	•04 •08										Τ.	T 1.38	.17 .14 1.10 1.66	•02		т	• 04	.21 .03	T			•02		
POPLAR BLUFF PORTAGEVILLE PORTAGETON PURICO SILIN SEVENDEDS	1.78 1.44 1.01 1.12																	T .02	•02 •55 •03	.32	*15 T	1.11 .01 .74		•01 •18 •03	Ť	Т			.07	т	
METHOLOS 80 AM BOLLA SCHOOL OF HINES BOUND SPRING SAINT CHARLES	1.20 1.08 1.42 .87						•12	т										•01 T	т	.62 .65 1.04 .58	.12	.58 .42 .26 .29	.01	т	Т	т			T .02		
SAINT JOSEPH WR AP R SAINT LOUIS WHAP R SAINT LOUIS WR CITY R SAINT LOUIS UNIV SAINT LOUIS WASH U	1.10 .83 .84		т	Т			•12		T									.01 .08	.82 .23 .13	-10	.43	.06 .20	.58	T T	T T T	т Т	Ť	T T	т	т	
SALEM SALISPURY SAVERTON L AND 0 22 SEDALIA SELIGMAN	1.29 .54 .46																		•28 T	.41		•37 T		T T •01	т	т	т		T .05		
SETTION A MAE SHELBINA SHELBINA SI AESTON SI AESTON CROP EXP FARM	.90 .54 .39						.27											.03	T .51	.09		.03 .88	T	•01 •14		т		•03			
S LOAM SPRINGS SPRINGFIELD WB APT R STEELVILLE 2 N STEFFENVILLE STEFFEN LIVAN 5 E	1.35 1.09 .78					•02	•21 •02	•07										т	1.00	.85 .03 .54 .17 .63		.22 .24 T	т	.02 T		т			т		
STINGERSVILLE STINGER 2 SW SWEET SPOINGS TARE O TECHNSEM 2 IN TORAL A INC.	1.49 .50 .24 1.55						.04												.03	1.07 .50		•38		• 03		T. T		T •16	т		
TREMTON TROV UNLOW 1 SE UNLOW LLE	1.34 .98 .53 .52			т	Ť		•25												-•01 T	.86 .89 .25 .32	.05	•23 •28 •20	т	T T	т	т			•08 T		
VALLE PARK VAN BUREN VANDALIA VANDALIA SE VERSAILLES I CHY CAA AP	1.18		-	-	-	-	-17	-07	-	-	-	-	-	-	-	-	-	-	-	- 81	-	.62 .48		-	- -	T T	-	-	-	-	
DACO  MAPPENSONG CENT T C  MARRETON 1 IN  DATAM NO 1	1.07			т			.08											т	.50 .01	.66 .30		.71	.80					т		Т	
HANNESULLE 2 H HANNESULLE 2 H OAASAH NO 2	.71 .58						.15 .12	.05										.03	÷11	.51 .42 .70 .83 .51	T	.18 .07		03 T 02 T				T			
et I WGA A TEN OCST PLA INS WILL I AMSVILLE O'LLOW SPO INGS O MOSO A	1.61			т		.08	.28 .05											•02	1.02	.02	. 33	.70	•02	•02	T	т	т	, T		т	
ZALMA 5 E	1.10	9																	Ţ	.30	.02	•78		Ť				L			_

Separate Series	Table 5		,									LLI		r. I.	1FI																- 5	NOVE	ABER
AMERICA S CALL  SCALL STREET S	Station																																
MATECHINA 1.5 5 5 6 7 7 10 7 10 7 10 7 10 7 10 7 10 7 10		Т	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
MATY NO. 2. 2. 3. 3. 5. 5. 7. 7. 7. 7. 1. 2. 3. 5. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.	AOVANCE 5 ESE																																
MATERIAN 1 39	AL 8ANY							42 21																									
MACRICIN CITY	AMITY																		72 45					46 28	56 35	49 36		54 22			50 31		
ACCIDIA  MATERIAL SALE SALE SALE SALE SALE SALE SALE SA	ANOERSON 1 SW																														55		
RITHINEY    MIT   S.   52   56   57   58   58   58   58   58   58   58	APPLETON CITY						55 31				45 22																						
REACK FOR MARY 187 27 67 67 77 66 05 10 1 20 1 20 1 20 1 20 1 20 1 20 1 2	ARCADIA																																
MAILY S. M. S. S. S. S. S. S. S. S. S. S. S. S. S.	8ETHANY																						30										
MEDILYAM  MAY  MAY  MAY  MAY  MAY  MAY  MAY	BIRCH TREE																																
DOMINICE WITEHUS 18. 14. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	8LACK 6 NW																			66										44			
BOTILLE WATERIUS WILL STREAM WILL STRE	BOLIVAR	MAX	75	73	70		54	43			52		65	69	70	71	71																
BRUMENICK  MAN  MAN  MAN  MAN  MAN  MAN  MAN  MA	BOONVILLE WATERWKS		67	62	73	62	61	45	43	45	48	48	59	55	62	69	70																
SMITTER CALA AP  MATE 107 107 20 20 20 20 20 20 20 20 20 20 20 20 20	8ROOKF1ELD	мах	68	75	73	62	56	46	50	54	54	65	66	65	70	73	74	75			72	65	50	48	57	54	45	55	50		50		
BYTLER CALA AP MAIN 50 70 40 60 70 40 70 70 10 10 10 10 10 10 10 10 10 10 10 10 10	8RUNSWICK	MAX	62	75	66	62	54	45	47	50	45	61	55	63	71	72	75	73	73	75	71	65	45	46	58	53	43	52	51	45	50	53	
BUTLER CAA AP  MAT  MAT  MAT  MAT  MAT  MAT  MAT  M	BUTLER	MAX	66	73	70	62	56	44	42	47	41	60	58	67	68	71	71	72	72	70	66	60	48	47	59	52	48	56	55	49	51	55	
CAMPONIL MANO O 20  MAN MA SI 75 84 82 15 14 15 15 15 14 15 15 15 14 15 15 15 15 15 15 15 15 15 15 15 15 15	BUTLER CAA AP	MAX	68	72	63	61	47	42	38	46	43	60	57	67	68	71	70	72	71	70	65	56	47	46	57	50	43	56	47	48	51	55	
CAMPRILL  MAX  MAX  MAX  MAX  MAX  MAX  MAX  M	CAMOENTON	мАх	61	75	66	62	57	44	43	50	54	63	61	69	72	72	72	73	74	76	71	55	53	50	59	57	50	52	51	45	55	56	
CAPPLINGER MILLS  MAX 98 75 76 75 84 75 75 75 85 87 85	CAMPBELL	MAX	30	35	44	41	26	18	29	19	20	22	36	29	33	41	42	41	444	40	50	20	23	30	31	31	20	20	20	15	21	30	
CAPELINGER MILLS  MAX 10 152 75 86 55 77 88 55 77 89 55 78 62 55 78 78 78 78 78 78 78 78 78 78 78 78 78	CANTON L ANO O 20	MAX			70																												
CARPLINGER MILLS  MAX  68 75 68 61 35 65 44 48 52 64 63 77 77 78 78 77 78 78 77 78 78 78 78 78	CAPE GIRAROEAU MO ST	MAX	74	75	75	64	55	47	48	55	57	62	65	60	67	72	73	71	70	70	75	70	60	52	52	51	48	43	44	42	58	57	
CARPOLLTON  MAX 30 72 63 50 52 43 44 64 64 67 52 68 53 61 66 70 69 71 70 70 68 69 73 48 48 54 51 55 55 50 59 52 62 62 71 71 71 71 71 71 71 71 71 71 71 71 71	CAPLINGER MILLS	MAX	68	75	68	61	56	45	44	48	52	64	63	72	71	73	72	74	73	76	69	58	50	49	62	53	46	56	51	47	55	57	
CARTHAGE  MAN  70  74  72  64  65  65  66  60  60  60  60  60  60  60	CARROLLTON	MAX	59	72	65	59	52	43	44	49	42	60	53	61	66	70	69	71	70	70	68	63	43	44	54	51	42	51	50	45	50	51	
CARUTHERSVILLE    MAX   12   76   78   70   52   60   32   29   20   28   28   31   31   20   23   30   31   30   30   30   30   30   3	CARTHAGE	мах	70	74	72	64	56	44	44	47	52	62	67	71	71	71	71	72	72	73	70	56	51	47	63	53	47	58	54	51	55	57	
CHARLESTON  MAX 75 76 73 64 53 50 49 50 60 52 67 72 73 73 73 73 73 73 73 73 73 73 73 73 73	CARUTHERSVILLE	MAX						48	54	57	62	66			69	74	74	74	73	76	78	75	62	59	54	52	54	49	54	48	58	60	
CLIATION I NNW  MAX 64 75 73 84 46 525 10 65 48 65 65 76 76 76 76 77 76 77 77 78 78 78 78 78 78 78 78 78 78 78	CHARLESTON																	-	73	73	76	70	59	55	55	49	51	49	47	42	52	59	
CLIATION 1 NNW  MAX  TA  TA  TA  TA  TA  TA  TA  TA  TA	CHILLICOTHE RADIO KCH1		36					- 1			25 48								73	70	68	63	45	46	58	51		53	53	45	51	53	
CLINTON 1 NNM  MAX  67 77  68 69 60 61 60 65 64 64 68 50 77  68 69 67 70 70 77  68 69 69 67 70 70 77  68 69 70 70 70 77  68 69 70 70 70 77  68 69 70 70 70 77  68 70 70 77  68 70 70 70 70 77  68 70 70 77  68 70 70 70 70 77  68 70 70 70 70 77  68 70 70 70 77  68 70 70 70 70 77  68 70 70 70 70 70 81 66 65 50 66 50 60 22 70  68 70 70 70 70 70 81 66 66 50 60 60 22 70  68 70 70 70 70 70 81 66 66 50 60 60 20 60 20 70  68 70 70 70 70 70 81 66 66 50 60 20 70 70 70 70 70  68 70 70 70 70 70 81 66 66 50 60 20 70 70 70 70 70 70 70 81 70 70 81 70 70 70 81 70 70 70 81 70 70 70 81 70 70 70 81 70 70 70 81 70 70 70 81 70 70 70 81 70 70 70 81 70 70 70 81 70 70 70 81 70 70 70 81 70 70 70 70 70 70 70 70 70 70 70 70 70		}												-				73	72	71	73	71	54	55	56	55	50	45	48	43	59	60	
COLUMBIA MB AIRPORT  MAX  64  75  63  60  45  46  50  50  50  60  60  60  60  60  60  6		1	34	39	36	48	33			20	20		27					1		72	74	70	42	40	40		51	44	53	41	45	54	
CRYSTAL CITY 1 N  MAX 70 77 70 59 44 45 45 55 53 56 64 58 57 72 70 75 75 75 45 46 46 48 42 57 56 66 69 90 91 93 31 17 91 93 92 93 84 44 66 45 45 92 97 34 34 34 90 92 93 84 44 66 45 94 94 91 93 92 93 93 94 93 94 93 94 93 94 93 94 93 94 93 94 93 94 93 94 93 94 93 94 93 94 93 94 93 94 93 94 93 94 93 94 94 94 94 94 94 94 94 94 94 94 94 94		MIN	64	38	42	48	30	23	27	23	21	21	23	33	33	34	36	40														55	
CRYSTAL CITY 1 N  MAX 70 77 70 59 44 45 45 52 22 70 25 22 19 21 19 32 21 27 30 31 34 45 45 45 45 45 53 56 64 58 57 72 70 75 75 76 74 70 76 67 59 25 77 26 13 33 28  OONIPHAN  MAX 77 79 81 66 66 50 49 49 75 62 67 72 67 73 76 75 75 76 77 74 56 66 50 59 48 48 59 50 36 26 36 22 17 17 25 27 26 26 25 27 27 41 55 45 26 43 25 37 22 25 29 16 31 30 88 64 61 70 73 74 74 75 75 75 78 74 66 56 59 66 50 51 48 63 59 88 88 88 88 88 88 88 88 88 88 88 88 88		MIN	39	44	48	35	28	25	26	24	26	27	35	36	39	42	46	1	44		l												
ONIPHAN  MAX  AT  AT  AT  AT  AT  AT  AT  AT  AT		MIN	30	45	45	52	22	20	25	22			30	29	38	44	46						59	52	57		44	44		42	57	56	
ELGERTON  MAX  67  76  70  63  51  41  43  50  36  22  17  17  25  27  26  26  26  27  27  41  55  45  46  47  55  48  47  55  53  44  55  52  48  55  52  52  53  11  72  72  73  74  73  74  73  74  73  74  73  74  73  74  74		MIN	37	32	44	39	29	25	22	19	21	19	32	21	27	30	31	34	34			48											
ELOON  MAX  67 74 65 60 52 43 45 51 54 62 77 07 72 71 72 72 76 68 60 51 48 59 56 45 50 51 44 53 56 41 73 37 42 39 38 47 51 42 47 72 718 17 72 02 55 72 72 74 73 73 74 73 74 73 74 73 74 73 74 73 74 74 74 74 74 74 74 74 74 74 74 74 74		MIN.	30	34	34	50	36	26	36	22	17	17	25	27	26	26	25	27	27	41													
ELSBERRY  MAX  71  53  76  63  52  47  45  43  45  45  45  47  57  64  67  64  64  67  64  67  64  67  65  66  67  67  68  68  67  67  68  68  67  67		MIN	26	41	45	45	25	23	31	17	21	26	31	24	30	50	48	45	45	54	51	35			26	37		24					
FARMINGTON CAA AP  MAX 73 76 70 60 51 45 47 54 57 61 62 62 61 62 52 61 55 62 70 72 71 72 72 75 63 64 67 56 48 68 57 45 66 67 56 68 68 57 45 66 68 57 45 66 67 56 68 68 57 45 66 57 66 67 56 68 68 57 45 66 67 56 68 67 68 6		MIN	39	43	49	46	27	23	31	26	27	26	41	33	37	42	39	38	45	51	57	41	30	34	36	42	31	26	28		36	37	
FARMINGTON CAA AP MAX 73 76 69 47 45 46 52 55 57 21 35 29 35 37 39 39 38 47 51 46 30 41 32 40 27 26 28 14 33 35 58 58 58 58 58 59 47 45 45 52 55 27 21 35 29 35 37 39 39 38 47 51 46 30 41 32 40 27 26 28 14 33 35 58 58 58 58 58 58 58 58 58 58 58 58 58		MIN				47	27	18	17	20	25	20	28	22	31	32	34	36	36	41	53	56	30	32	30	40	30	29	31		20	31	
FAYETTE MAX 65 75 65 68 68 57 45 46 51 52 61 55 62 70 72 71 72 72 75 68 68 60 49 47 57 55 41 52 50 43 50 54 61 55 62 70 72 71 72 72 75 68 68 60 49 47 57 55 41 52 50 43 50 54 61 55 62 70 72 71 72 72 75 68 68 60 49 47 57 55 41 52 50 43 50 54 61 55 62 70 72 71 72 72 75 68 68 60 49 47 57 55 41 52 50 43 50 54 61 55 62 70 72 71 72 72 72 75 68 68 60 49 47 57 55 41 52 50 43 50 54 61 55 62 70 72 71 72 72 72 73 73 74 75 75 75 75 75 75 75 75 75 75 75 75 75	FARMINGTON															37		39	38	47	51	46	30	41	32	40	27	26	28	14	33	35	
FAYETTE MAX 34 37 53 44 25 23 24 27 23 35 32 38 36 40 50 56 38 28 32 31 40 29 25 27 16 37 32  FOUNTAIN GROVE WILDLIF' MAX 66 75 68 68 57 45 46 52 49 64 57 64 70 73 73 72 72 72 70 58 48 47 53 54 45 52 52 45 52 50 MIN 29 31 42 26 24 19 22 19 17 11 32 21 24 30 28 34 28 40 49 40 30 28 33 40 26 25 28 15 34 27  FULTON 4 SW MAX 69 64 75 64 61 55 48 48 50 54 61 55 63 71 72 72 72 72 70 70 70 71 71 71 72 72 72 72 72 73 73 73 74 75 75 75 75 75 75 75 75 75 75 75 75 75	FARMINGTON CAA AP										55 23	63						37	35	49	53	36	29	31	31	33	25	25	17	13	34	26	
FOUNTAIN GROVE WILDLIF! MAX 66 75 68 68 57 45 46 52 49 64 57 64 60 73 43 28 40 49 40 30 28 33 40 26 25 28 15 34 27  FULTON 4 SW MAX 69 64 75 64 61 55 48 48 50 54 61 55 63 71 72 72 72 72 76 70 61 51 47 58 48 39 49 38 45 51	FAYETTE			75 37	65 53		49 25			51 24				62 32	70 33			38	40	50	56	38	28	32	31	40	29	25	27	16	37	32	
FULTON 4 SW MAX   69 64 75  64 61 55  48 48 50  54 61 55  65 61 75	FOUNTAIN GROVE WILDLIF						57 24		46 22				57 32	64 21				34	28	40	49	40	30	28	33	40	26	25	28	15	34	27	
lond as an old as all as	FULTON 4 SW	MAX MIN	69 36		75 40		61 28	55 22		48 23			61 25				72 40																

Table 5 Continued									Al	1.1	1.	.Vل نــا	II. L			O.D.													N	OVEMB	ER 1		
Station			Day Of Month																verage														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 3	31	Ave
ANT CITY	XAM	68 28	76 40	71	57 41	57 21	41	46 22	50 20	47	65 26	57 30	62	70 35	71 40	71 43	72 45		72 50	66 57		46 28	26	56 35	50 34	40 30	53 24	40 26	45 18	43 38	49 32		57.6 32.8
SEMAILLE + NNW	MAX MIN	76 32	78 36	78 36	63 45	56 34	18	48 32	57 16	61 17	66 18	69 25	65 26	71 25	76 26	75 26	75 27	73 27	70 38	77 47		57 27	55 43	56 26	57 40	50 23	47 24	47 29	44 15	60 28	61 30		63.0 29.7
MANNIBAL MATERWORKS	MAX MIN	56 41	74 42	64	56 34	44 25	23	43 25	51 26	55 25	60 26	53 33	56 31	70 40	71 45	70 45	72 44		73 53	72 55		50 31	46 35	56 35	48 33	38 30	46 25	45 21	40 15	45 32	50 30		55.9 34.5
MAN 15 AVILLE	MAX	68 38	75 47	65	63 48	52 28	41 25	40 31	43 24	38 25	63 23	63	67	69 39	72 43	69 57	74 43		69 52	65 55	57 36	48	47 30	57 33	51 39	44 33	55 26	52 28	46 26	57 33	58 32		58.0 36.2
RM IT AGE	MAX MIN	71 32	75 32	70 35	61 38	52 24	45	43 24	50 18	52 14	63 15	65 26	69	71 23	69 24	70	73 26	73 28	75 42	69 54		65 36	58 22	60 25	57 36	46 20	55 21	55 27	45 10	55 32	58 29		61.1 27.3
= STM	MAX	73 36	76 38	75 39	61 43	49 30	46	45 30	56 20	57 21	61	67 33	67 29	71 34	72 30	72 31	70 30		71 52	62 54		55 30	61 40	58 32	53 32	47 31	50 25	50 25	46 16	56 32	52 36		60.2 32.0
-x %	MAX MIN	76 35	77 37	75 39	64 47	55 32	52 25	50 28	57 19	58 18	63 19	68 29	63	69 27	73 29	74	72 30		69	77 55	71 55	60 30	54 43	53 32	53 41	48 26	44 30	45 35	43 16	58 33	60 30		61.8
FF CITY RADIO KWOS	MAX	66 39	76 36	65	64 47	49 30	45	46 29	51 22	55 25	62 21	58 32	64 27	71 30	74 35	73	73 35		77 50	69 58		52 31	49 37	59 35	55 43	43 30	52 26	51 28	44 16	53 37	55 38		59+6 34+2
JOPLIN CAA AP	MAX MIN	69 43	72 51	73 50	60 48	52 37	43	41 34	47 30	52	61 32	65 42	70	71 43	70 50	71	72 47	70 50	72 56	69 55	56 35	48 30	47 33	60 39	52 39	45 30	57 27	46 31	51 27	55 35	55 37		59.1 39.1
LANSAS CITY WE ART	MAX	67 37	74 53	61	62 43	45 31	41	40 32	47 29	36 28	62 29	55 37	67 35	69 37	71 52	72 51	72 53	72 55	68 57	64 45	56 35	45 32	46 31	55 39	50 39	41 31	56 30	43 30	48 27	53 36	54 34		56 • 4 38 • 2
C UNIV OF K C	MAX	66 34	72 44	67 49	60 49	54 31	40	39 31	44 26	37 26	61 26	54 37	65 31	67 33	70 49	70	72 48	70 47	65 54	65 57	59 34	42	45 29	52 31	52 36	44 33	53 27	51 29	45 22	51 36	51 35		56 • 1 36 • 2
LEWILTY RADIO KBOA	MAX	73 37	72 41	78 42	74 50	58 37	49	48 36	55 27	58 32	63 25	68 32	65 34	66 32	74 32	75 35	74 36	73 36	74 51	78 54		62	58 44	55 32	53 34	53 29	49 29	49 34	47 21	5 9 3 3	60 37		63•1 35•9
<100EP	MAX MIN																					-											
KIRKSVILLE RADIO KIRX	MAX	63 32	74 45	65	57 40	43	43	45 18	50 20	53 19	61	53 29	58 24	70 35	72 44	71	71 46	70 47	73 50	71 53	58 37	46 29	44 29			38 28	46 24	44 25	40 10	43 34	55 22		56.3 31.6
R RESVILLE CAA AP	MAX	62 33	73 40	60	58 28	45 19	44	46 21	50 20	52 19	60 21	53 31	59 29	69 34	71 38	71	71 45	70 43	73 49	70 54	59 35	44	43 28	55 34	46 26	38 28	47 22	35 17	40 12	43 30	50 26		55 • 2 30 • 6
KOSHKONONG	MAX MIN	70 42	72 46	73 46	73 49	60 35	48	47 30	51 29	56 28	63 33	64 38	64 36	64 37	71 41	71 41	69 42	70 42	70 54	68 56	62 52	53	53 41	54 29	55 40	46 38	49 26	49 38	48 23	55 30	58 40		60 • 2 37 • 8
.AR €SID€	MAX	72 38	70 36	76 37	67 46	63 29	50	45 23	45 20	52 25	55 25	64 28	61	70 28	73 29	73 31	73 31	74 31	73 34	76 51	66 51	51 33	54 35	49 38	62 44	52 37	45 30	54	42 18	46 21	55 36		60.3 32.2
SAMA	MAX MIN	70 39	70 44	74	70 43	63 34	50	44 26	40 28	50 21	53 22	62 26	67 35	71 34	71 34	73 38	72 38	72 41	73 45	73 53	69 35	42	48 25	45 31	61 35	55 28	48 23	56 26	48 20	52 26	57 29		60 • 0 32 • 5
SATHROP 3 5W	MAX MIN	67 32	75 45	65	64	45 25	40	46 30	48 22	41	64 28	55 32	64	70 37	73 44	73 45	73 47	71 44	67 52	65 45	53 34	42	46 27	53 35	49	42 29	53 24	50 27	45 23	53 32	52 32		56.8 33.9
LEBANON 1 ENE	MAX	69 38	73 43	67	57 43	54 28	44	42 30	50 22	53	62 27	65 41	68 35	78 39	71 38	71 42	71 43	71 44	75 50	65 55	60 39	52 29	47 34	60 33	50	45 28	51 27	54 19	56 25	58 36	58 33		59.9 35.2
_E x I ANG T DA	MAX	63 35	64 36	73 48	62 48	61 28	45	42 25	44 26	49	42 26	61 30	54 34	65 36	68 41	71 48	70 49	72 49	71 50	70 54	65 40	43	44 30	45 31	54 40	49 32	40 27	52 27	42 25	44	51 35		55.9 35.2
LICKING AN	MAX	70 40	70 42	75 47	73 45	60 28	50	48 27	47 29	50 19	55 22	61 29	66 31	66 35	71 35	71 39	71 44	70 39	69	70 53	62 45	55 30	55 35	49 33	58 36	50 29	43 29	48	39 20	45 26	55 31		59 • 1 33 • 8
F0C*+300	MAX	70 40	74 43	72 47	61 43	51 42	43	4.8 33	50 27	53	62 38	67 42	71 38	71 40	72 47	72 42	72 45	71 48	73	69 55	67 37	50	48 33	61 35	55 39	47 32	56 26	52 31	59 24	55 34	58 34		61.0 37.4
L 15 ANA STARKS NUR	MAX	58 34	75 31	67	61	55 24	48	48 15	53	56 19	61 18	57 35	58	71 29	73 31	72 35	73 38	72 37	75 44	73 56	69 43	52 35	49 32	56 31	50 40	41 -29	41 23	48 28	42 9	48 33	55 30		58.6 31.1
MACON	MAX	69 32	61	73 43	63 42	59 18	45	45 18	45	52	51 21	61 30	53	59 28	70 39	71	71 44	72 44	71 45	74 48	70 46	51 27	41 28	45 28	57 36	45 25	38 21	48	37 11	42 14	46 28		56 • 2 30 • 2
OALDEN CAA AP	MAX	74 38	76 42	76 44	62	51 30	48	47 30	55 23	59	64 25	68 34	63	70 32	73 33	73	73 37	72 34	73 46	78 50	67 41	58 33	55 38	55 33	54 37	53 30	46 29	49	43 20	59 33	59 38		61.8
MARBLE HILL	MAX MIN		72 27		77 30	56 33	48		57 14	61	64	69 23	63	70 28	74 24	74	73 25	71 25			71 58						46 25			60 33			62 • 3 27 • 7
•ARSMALL	MAX																																
MAR HELELD	XAM MIN		73 42			54 30			45 26			60 38		69 39				70 42			60 38	51 28		60 33	51 39	45	51 24	48 30		53 33			57.9 35.2
MARYVILLE	MAX	66	70 42	67 45		47 24	39	42 27	48	40	62 25	54 30	1	69	70 37	69 41	70 42	71 42	71	63 48	48	39 27		55 30	48 34	39 27	52 21	45 26		46 31			55.0 32.0
<b>वर्षम</b> । ऽ	MAX	64 37	64	75 44			49	50 21	50 23	51	56 23	62 24	59 25	59 32	73 32	74	74 42		72 45	76 49	71 44	52 31	46 32	46 30	57		37 25	46 30		42 13			57.7 31.4
⊯€ ≉ ICO	MAX MIN	70 35	63 38	74	6? 46	60 25	45	45 21	45 23		55 25	61	55		72 39	73 43	72 43	74 44	72		72 49	55		47 34	58 40		40 25	48 28		43			58.1 33.3
MUBERLY RADIO KNCH	MAX	69	75 43	61	61 47	47 24	43	45	50 21	51	62		61	71	72	72 42	72	70	76 51		58	45 32	45	57 33	51 42	37	49	46 29		47 33			57.1 33.9
MONETT	MAX MIN		70			57 41		57	50 32	49	55	63 37		72	71 31	71	72	72 40	72 54	72 58		50 27		52 31	59 34	51 24	53 27	54 35		53 27			60.9
MOUNTAIN GROVE 2 N	MAX	71	75 45	74	67	58	49	44	49	55	61	65	66	70	71	70	70		70	6 <b>7</b> 50	60	52	51	57	54	47	48	49	49	55	57		60.0
MOUNT VERNON 3 SW	MAX	29	73 43	73	61		43	41	48	52	61		69	70	70	71	71	71 42	72	70	55 38	49	46	61	50	44	55	50	49	55 32	56		59.2
4EOS HO	MAX	72	74	74	68	57	47	43	48	54	63	69	71	72	72	72	73	73 40	74 48	69	56 38	50	48 26	62	57 36		60	57	52	57 32	57		61.7
NE VAUA	MAX	68	74 48	66	59	55 34	48	45		48	62	60*	70	70	72	72		72	72	70	58	49	48	59	53	48	57	54	51	53	57		59.7 37.2
ME. FLORENCE	MAX	64	75	65		50	46		51	56	61	55 35	- 4	70	73 42		71	72 45		72	57	52		58		45		38	41	50 34	56		57.7 35.2
	1	1						- 2		- 2	-	,,,	1	, 9	7.6		17	43	-	1	43	"	,	,,,	-1	1 2	-0	20	. 0	,,4	-		2200

Table 5-Continued	Dey Of Month																														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16		18	19	20	21	22	23	24	25	26	27	28	29	30 3
OREGON	MAX MIN	65	75 45	67	59	48	39	38	43	36	61	52	61	67	71	71	71 45	71 50	69	64	45	39	46	52	52	42	54	51	49	50	49
OZARK BEACH	MAX MIN	75 38	75 41	81	77	62 39	55	48	50	54	60	31 68	72	38 71	48 75 29	76	75 28	76 29	75 32	75 44	31 66 46	48	30 51 25	58	67	59	51	60	58	50	30 64
PERRYVILLE	MAX MIN	75 35	77 36	70	38 63 46	55 28	28 46 23	28 47 24	35 55 24	57 27	23 65 19	64	61	70 29	75	76	75 33	73	72	76 50	72 56	59 27	53	28 53 32	53 40	28 47 26	24	30 49 30	19 42 13	60	28 59 27
POPLAR SLUFF	MAX .	70	76 36	77	80 49	65	58	50	50	57	62	32 64	72	66	30 71	74	75 28	75 28	73	73 51	77	70	57	56 28	56 37	56 27	52 27	46	50 17	45	62
PORTAGEVILLE	MAX MIN	73 36	76 37	78 43	75 50	.56 37	49 28	35 48 30	54 36	57 24	19 63 24	28 68 32	30 65 35	71 33	27 73 35	75 37	73 36	72 37	75 48	77 53	75 58	62	58	54	52	52	45	48	45 23	58	59 38
PRINCETON	MAX	66 23	76 35	74	58	52 21	44 20	48 23	52 12	53	65	62 28	61	72	74 42	75 45	74 45	73 40	73 51	68 57	61	44	59	57	63	43	54	50	44	46	50 25
ROLLA SCH OF MINES	MAX	71 43	70 43	76 48	67	59 28	46	45 28	45 21	52	47	63	62	65	72	74	73 45	72 46	72 52	72 57	67 52	58	53	49	59	52 29	45 25	48	38	45 30	57 38
SAINT CHARLES	MAX MIN	66 45	78 37	70 50	58 46	50 28	48 27	49 27	55 29	56 28	62 25	57 35	60	73 33	75 40	75 38	74 40	75 40	74 51	73 55	71	54	52 34	58 34	53	44	42 29	42	42 18	54 35	5 9 3 3
SAINT JOSEPH W8 APT	MAX MIN	67 29	77 38	61	61 41	45 29	42	42 28	45 21	39	62 29	54 35	64 32	69 31	73 47	72	72 45	72 42	70 55	64 43	45 35	42	47 32	53 39	51 31	40 28	55 25	42	50 21	50 36	52 28
SAINT LOUIS WE APT	MAX MIN	66 45	75 39	64	57 38	46 30	46 28	46 28	52 27	55	60	56 39	59	71	73 48	72 48	72 49	72 49	70 52	73 55	65 42	53	50 37	57 36	52 34	40 32	46 31	48 24	40	51 34	5 6 3 3
SAINT LOUIS WB CITY	MAX MIN	68 48	77 47	62 52	57 39	46 31	47	45 29	51 32	54 32	61	54 43	59	71 41	73 48	73	72 50	73 52	70 51	72 55	66 43	52 38	50 41	56 37	52 37	40 34	48 33	49 27	40 25	52 36	57 37
SAINT LOUIS UNIV	MAX M IN	67	77 46	68 55	58 50	50 32	44	45 30	52 31	54	62 33	56 44	56	69	73 48	73 49	72 50	73 50	69 52	73 55	68 47	51	50 43	56 37	52 42	42 34	42 32	42 31	40	52 36	55 37
SAINT LOUIS WASH U	MAX MIN	67 45	66 39	75	64 50	59 31	46	46 29	45 30	51	54 27	60	55	58	71 38	73	72 41	71 40	.72 46	70 55	73 37	66	52 41	50 35	57	53	42	48	47	40	43
SALEM	MAX MIN	71 38	72 38	75 40	70 44	59 29	47	45 25	47 17	57	56 21	61	64	63	73 35	72	73 37	71 39	72 48	72 51	66 52	58 31	54 35	51 31	59 36	53	46 25	47 28	39 15	46 20	56 30
SAL 1SBURY	MAX MIN	65	74 41	67 45	65 45	48 24	46	47	52 24	49	62 27	57 33	64	71 36	72 42	72 43	73 46	72 43	76 52	71 55	60 38	47	46 31	58 33	53 38	40 31	52 26	49	44	50 35	55 34
SAVERTON L AND 0 22	MAX MIN	61 42	76 39	69 52	56 49	52 29	45	46 24	52 28	54 28	61 27	53 38	54	70 34	70 40	71	72 48	71 45	74 54	69 54	61 45	50 36	49 40	57 36	53 38	43	41 27	48	41 17	47 36	51 33
SEOAL1A	MAX M [ N	65 35	72 40	69 47	61 47	57 29	42	44 32	51 22	48	60 26	56 36	66	69 40	71 45	70	70 44	72 46	74 44	70 59	64 39	49 30	46 31	59 36	55 41	45 30	52 25	50 25	45 21	52 33	54 38
SEL1GMAN.	MAX MIN	71 44	72 43	72 46	66 44	52 38	43	41 32	46 33	53	63 29	68 42		71 38	70 46	71	72 44	72 49	72 55	66 54	54 36	50 28	48 28	61 31	52 40	45 35	56 24	48 34	49 28	55 34	55 37
SEYMOUR 4 NNE	MAX MIN	69 36	72 40	71 46	60 46	53 30	42	40 27	45 26	51 25	59 21	63 34	64 37	67 30	68 35	68 42	68 35	68 34	70 46	63 55	59 38	52 28	45 35	57 31	49 29	43 28	50 23	48 29	42 18	53	54 33
SHEL81NA	MAX M [ N	65 33	74 34	72 43	59 46	53 24	44	45 22	52 20	53 17	61 20	59 34	59 34	70 27	72 32	70 37	73 39	71 39	75 50	71 55	61 43	48 31	45 31	58 30	53 40	41	40 23	46 28	42 11	46 34	53 24
SIKESTON	MAX M [N	67 37	74 41	77 42	78 46	62 34	51 28	50 28	49	56	59 25	63 25	66 33	62 32	70 33	74 34	74 38	75 39	72 40	72 52	76 54	67 33	59 34	55 32	54 33	51 29	49 28	45 28	45 19	43	59 33
SIKESTON CROP EXP FARM	MAX MIN	71 35	74 40	76 40	69 48	55 34	48 27	48 30	55 21	5 <b>8</b>	61 24	65 32	61	68 31	71 32	72 34	72 32	70 35	71 47	76 49	75 53	57 31	54 42	52 32	50 41	47 29	43 28	45 32	41 20	57 31	57 31
SPRINGFIELO WB APT	MAX MIN	67 44	73 46	69 45	59 49	49 31	44	38 31	46 28	51	61 26	62 36	66	68 39	71 39	70	70 39	70 43	70 52	64 53	54 34	50 28	45 33	60 32	50 35	43 31	53 26	45 29	44 23	53 33	54 35
STEFFENVILLE	MAX MIN	60 35	74 42	69	57 42	47 23	45	44	51 24	54	61 24	56 31	57	70 36	72 41	71 42	74 43	71 45	75 52	73 56	62 43	47 31	45 32	58 32	54 39	40 27	42 24	46 25	41 9	45 33	51 30
SWEET SPRINGS	MAX MIN	67 31	76 37	65 48	64 46	53 27	43	47 30	52 21	48	63 20	57 36	67 28	71 32	74 35	74 42	74 40	74 43	75 53	68 59	62 37	49	49 29	58 35	53 40	45 28	54 24	49 28	46 14	53 32	56 34
TARKIO	MAX MIN	68 31	79 44	70 41	58 39	51 22	42	42 29	47 18	41	65 30	53 27	63	70 26	73 40	72 43	73 44	74 43	72 50	64 42	46 31	41 29	42 24	56 31	49 35	42 29	57 24	54 27	50 20	49 34	50 28
TRENTON	MAX M [N	66 32	75 41	70 46	60 45	54 25	43	48 26	54 24	58	64 24	59 33	64	71 33		74 43	74 45	74 44	71 49			58 30	57 29	58 29	52 39	42 33	52 25	50 28	48 26	48 35	53 35
UNION 1 SE	MAX M I N	78 37	77 30	67	59 44	50 28	41	41 35	52 18	54 18	62 18	58 27	58	71 25	73 26	73 27	72 27	72 30	75 39	73 50	70 46	53 31	50 42	58 28	53 42	43 27	44 27	48 31	43 13	53 35	56 25
UNIONVILLE	MAX MIN	63 43	73 44	67	55 40	47 22	43 21	44	49 22	50	62 20	55 28	60 29	69 34	71 43	71 45	70 45	70 45	72 54	65 54	60 33	41 28	61 34	49 33	35 29	47 22	48 25	39 28	41 13	41 34	43 29
VANOALIA	MAX MIN																														
VERSAILLES	MAX MIN																														
VICHY CAA AP	MAX MIN	69 41	75 46	65	58 37	46 23	44	43 28	50 23	53	61 30	59 36	63 34	70 43	72 43	71 44	71 45	70 47	72 53	68 52	57 37	51 30	48 35	58 35	51 33	42 31	47 25	47 24	44 18	53 35	56 37
WAPPAPELLO OAM	MAX MIN	68 38	74 41	75 43	77 50	65 35	50 27	64 32	47 24	5 5 2 6	59 25	62 33	67 35	63 32	69 34	71 35	72 35	71 35	70 40	70 51	75 56	65 31	60 40	55 30	54 34	55 31	49 30	47 31	44 21	41 26	60 35
WARRENSBURG C T C	MAX MIN	65 40	73 50	70 50	62 47	57 30	43 26	41 32	49 27	44	60 25	53 38	65 35	68 45	70 48	70 46	72 46	71 51	72 56	70 59	63 38	47 31	46 33	57 36	54 41	46 33	53 29	50 30	45	51	54 38
WARRENTON 1 N	MAX MIN	65 40		75 49	63 43	51 25	45	45 23	52 26	54	62 27	58 42	60 31	71 40	74 44	74 41	73 45	72 44	76 48	73 57	63 46	53 32	50 40	58 32	54 42	45 29	40 28	39 28	44 16	5 3 36	56 33
WARSAW NO 1	MAX M I N	70 38	76 37	67	65 48	53 28	45	42 31	50 20	52 21	64 20	61 32	70 29	73 29	72 34	72 38	74 36	74 35	75 50	71 54	61 40	51 27	48 33	62 34	56 40	45 29	54 26	52 29	48 15	54 34	57 30
WASOLA	MAX MIN	74 47	72 47	75 48	68 48	55 34	45	43 28	57 24	63	70 37	68	70 34	72 35	72 41	7 2 4 0	72 42	72 40	73 50	65 55	60 39	54 29	50 36	60 28	54 48	48 32	66 37	50 36	46 24	60 23	59 30
WAYNESVILLE 2 W	MAX MIN			70	62	58 24	45	45 30	54	58	65	65	69	74		74	74	72	75 50	68 55	61 39	53	52 35	63	53	45 26	50 22	49	47	57 28	60 29
WERSTER GROVES	MAX MIN	67 44	76 41		59 43	48 29	44	44 26	52 27	54 24	61 27	54 39	55 31	70 34		72 41		72 43	70 49	75 52	67 44	52 32	50 38	58 32	48 31	41	48 26	40 18	53 33		55 31

MI550URI NOVEMBER 1953

## DAILY TEMPERATURES

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ble 5-Continued																																	
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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
NGARTEN	MAX	73 45	77 46	72 47	59 48	49 38	48 24	46 32	54 24	57 25	65	62 42	61	72 42	74 45	75 47		71 47	68 54		69 55	56 32	50	53 32	53 43	43 28	42 27	48	43 17		58 35		60 • 1 38 • 1
ST PLAINS	MAX	75 37	76 40	77	62 47	5 0 3 2	48 26	39 31	52 27	57 27	63 24	69 30	67 30	73 30	72 29	73 32	72 31	72 32	69 46	62 54	57 37	54 28	51 34	59 30	54 34	48 31	51 27	47	46 18	58 29	60 28		60.4 32.1
LOW SPRINGS	MAX MIN	74 35	75 38	75 37	61 37	55 33	45	42 30	5 O 2 5	56 23			67 28		72 27	70 27	71 27	70 29	71 42	62 50	61 41	54 28	50 39	57 30	53 40	45 26	50 25	49 30	41 16		58 33		59.7 31.0
IOSOR 3 NW	MAX	67 38	72 43	67 48	62 47	55 27	42 24	42 31	49 27	4 4 25	60 24	57 37	67 37		70 42		71 41	71 44	73 52		62 38	48 28	46 30	59 34	53 37	44 32	53 26	5 0 28			55 36		58.1 35.6

## EVAPORATION AND WIND

										_																							_	
																		Day o	f mor	nth														
	Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
ESIDE		EVAP W1N0			1.03	.14	·11 38	.09 52		* 34	.11 62	.05 26		.07				.10 32	.08	.12 43			.11		.11 77		.09 96		.07		.10 67	.06		2.54 1564

## DAILY SOIL TEMPERATURES

																Day	of mo	onth															- Ba
DEPTH	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave

#### CONCEPTION

INCH	6PM	59	65	58	56	49	44	45	45	48	58	51	55	58	60	59	62	63	62	59	47	41	42	42	44	38	37	40	40	41	43	50.4
INCHE5	6РМ	58	60	57	56	50	43	48	46	47	51	49	50	53	56	57	57	57	58	59	47	43	43	43	44	40	40	42	40	42	43	49.3
INCHES	6PM	56	57	57	57	53	51	51	49	48	50	51	50	51	53	54	55	55	56	58	53	48	46	46	46	42	43	43	42	43	43	50.2
INCHE5	6РМ	58	58	59	58	57	55	53	52	52	52	52	52	53	53	54	55	55	56	57	56	52	50	50	51	48	48	47	46	46	46	52.7
INCHE5	6РМ	60	61	60	60	60	59	58	57	52	56	56	56	56	56	56	60	57	57	57	55	57	55	55	54	54	54	52	51	51	51	56.1
INCHE5	6РМ	63	63	63	62	62	62	62	61	62	61	61	60	60	60	60	60	60	59	59	59	58	59	59	59	58	58	58	56	57	52	59.8
INCHE5	6РМ	63	64	64	63	63	63	62	61	63	62	62	62	61	60	60	61	61	61	60	60	59	59	59	59	58	59	59	58	58	58	60.7

#### SIKESTON CROP EXP. FARM

INCH	5PM	60	62	66	55	49	46	47	45	46	51	52	52	55	55	58	58	55	59	65	56	54	50	46	47	42	41	40	39	48	46	51.5
INCHE5	5PM	62	64	68	57	53	50	50	49	50	53	54	54	57	58	59	59	57	59	64	59	56	52	47	48	44	42	43	41	48	48	53.5
INCHE5	5PM	60	62	63	58	54	51	51	50	50	51	52	53	55	56	57	57	57	57	62	60	56	52	48	48	45	43	44	41	46	47	52.9
INCHE5	5PM	56	58	58	58	55	51	51	50	49	48	49	50	51	52	52	52	52	54	57	59	54	53	49	49	46	45	45	42	44	45	51.1
INCHE5	5PM	59	59	60	60	59	57	56	55	54	53	53	53	53	54	54	54	54	55	56	57	56	56	54	53	52	51	50	49	48	48	54.4
INCHE5	5PM	65	64	64	64	64	63	63	62	61	61	60	60	60	59	59	59	59	59	59	59	59	59	59	59	58	58	57	56	56	56	60.0
INCHE5	5PM	67	67	66	66	66	65	65	65	64	64	64	64	63	63	63	62	62	62	62	62	62	61	61	61	61	60	60	60	59	59	62.9

## SNOWFALL AND SNOW ON GROUND

Station						,			,							Day	of m	onth													
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
AMITY	SNOWFALL SN ON GND																											•		T	
BETHANY	SNOWFALL SN ON GNO																										Т			Ŧ	
BIRCH TREE	SNOWFALL SN ON GNO						0.4 T																								
BOL IVAR	SNOWFALL SN ON GNO							1.0																		Т					
BUTLER CAA AP	SNOWFALL SN ON GNO						ī	0.4 T																							
CAPE GIRAROEAU MO STATE	SNOWFALL SN ON GNO																										T				
CASSVILLE	SNOWFALL SN ON GND							Т																							
CENTERVILLE	SNOWFALL SN ON GNO																									Т					
COLUMBIA WB AP	SNOWFALL SN ON GNO																									Т					
FARMINGTON	SNOWFALL SN ON GNO									•																	7				
GREGORY LANGING	SNOWFALL SN ON GNO																									Т					
HANNIBAL WATER WORKS	SNOWFALL SN ON GNO																									Т			Т	Т	
JEFFERSON CITY RADIO KWOS	SNOWFALL SN ON GNO																									Т					ı
JOPLIN CAA AP	SNOWFALL SN ON GND						Т	Т																							
ANSAS CITY WB AP	SNOWFALL SN ON GNO							1.B		Т													Т	Ŧ		т					
IRKSVILLE CAA AP	SNOWFALL SN ON GNO					,															Т					Т			Ŧ	Т	
EXINGTON	SNOWFALL SN ON GNO							0.1																						ī	ı
.OUISIANA	SNOWFALL SN ON GNO																													т	
.UCERNE	SNOWFALL SN ON GND																										3	Т	Т	т	
OUNTAIN GROVE	SNOWFALL SN ON GNO							2.5																							
EW FLORENCE	SNOWFALL SN ON GNO	Ì																								Т					
REGON *	SNOWFALL SN ON GNO							2.5	т																					т	
ST JOSEPH WB AP	SNOWFALL SN ON GNO							1.3																		Т			Т		
T LOUIS WB AP	SNOWFALL SN ON GNO																									т			Т		
T LOUIS WB CITY	SNOWFALL SN ON GNO																									т			7		
SALISBURY	SNOWFALL SN ON GND														.											т					
PRINGFIELO WB AP	SNOWFALL SN ON GNO						т	T																		т					
ULLIVAN	SNOWFALL SN ON GND																										т				
WEET SPRINGS	SNOWFALL SN ON GNO																									Т			т		
ARK10	SNOWFALL SN ON GNO							2.0													T					Т			T		
ROY	SNOWFALL																				'						Ţ				
ICHY CAA AP	SN ON GNO																									Т	Т				
ARSAW # I	SN ON GND							1.5																							
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EST PLAINS	SN ON GNO							3.0																							
	SNOWFALL SNOWFALL						Į	1.0																			7				

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Station	o County	Drainage ! Latitude	Longitude	g	Obe vation tim	on.	Refer to tables	Station	Index No.	County	Drainage:	Latitude	Longitude	Elevation	Obse vation time	n	Refer to tables
Advance 5 KSM \$1 buny according	0022 Stoddard 0051 Ocatry 0127 Oregos 0143 DeMalh 0151 Rates	10 37 0 4 40 1 1 2 4 4 4 3 6 5 6 38 2	2 94 20 2 91 17 2 94 26	1620	(U)	SP Nello Moroni SP William J. Butler 7A Loyd E. Black 7A O. M. Colbour IO M. A. Serabser	2 3 2 C 2 2 2 C 2 2 2 7 C	La Selle Lakealde Lamar Lampe Foreat Service Lampe 4 NNE	4727	Lewis Miller Barton Stone Stone	12	40 07 28 12 27 30 28 34 36 38	94 16	595 980 -	7A 7 7A 7	Jases M. Flehback 7A W. S. Frash 7A Marin Mann 7A Orley F. Scott 10 Mrs. A. O. Rognre	3 2 3 5 8 7 C 2 3 5 7 3
todoroud 1 M0 tomapo e 7 SW atom City & adus Ach W	01M4 McDonald 017M Iroa 0204 6t Clair 0234 Iros 0313 Clark	6 26 2 1 27 3 6 2M 1 10 27 2 6 40 3	90 47 2 94 02 5 90 27 7 91 49	926	6P 2P	7A Muth C. Hawkina 7A Opal O. Mutter 6P F. Paul Sye 7A Arcadia College 10 Glen A. Moodruff	2 2 5 7 2 2 3 5 C 2 2 5 C	Lathrop 3 SW Lahanon 1 ENE Leepnr . Leea Summit 1 N Luaington	4825 4844 4846 4904	Clinton Lsclwde Wayne Jackson Lafayette	7		93 53	1080 1240 - 688	6P 7	OP Cecil F. Haye PA Brodle O. Barnett CLOSEO OBnojamin F. Smith Willias H. Cullom	2 2 5 2 3 5 C 4/20/53 C 2 3 5 7
vacco & o danger Mtation d 1 M gu ov va Doero A	0357 Callamay 0365 Douglam 0503 Livingatos 0339 Iron 0393 6toddard	7 39 0 12 36 2 4 29 4 5 27 4 10 38 4	7 92 40 1 92 23 1 90 41 0 69 56	1060		7P C. B. Hook &A U.6. Forest Service 1D Sarry 5. Stephene 7A Beulah M. Alexander 7A Earold M. Summera	"	Lickles 4 N Lineus 2 6 Livonia Lockwood Louislans Starks Nur.	4978 5014 5027 5093	Texas Linn Putnas Dade Plke	9 6	37 33 39 50 40 29 37 23 39 26	83 12 92 42 93 57 91 03	1277 832 - 1078 469	6P 7	A Robert O. Casson  P Merle Made  ID Mrs. 1cel M. Tade  A Hubert A. Niesan  BP 6tark Bros. Nursery	
to hany a. Troo ack if we as o d ar	060M Marriaca 066W Snasmos 0895 Iron 0725 Stoddard 0799 Polk	H 37 3	9 91 30 7 90 29 3 68 58 7 92 25	1071	5P	7A Carl W. Slaughter 7A Mildred 6. Catlett 7P Otto Goggin 7A Ocorge E. Long SP Baptiat College	2 2 5 7 2 2 5 7 2 3 5 2 2 3 5 7 C	LouIsiana Lucerne Macndonia Lookout Macon Madison	5121 5164 5175 5183	Pike Putnam Ripley Macon Monroe	1 2 8	39 27 40 27 36 45 38 45 39 28	93 18 90 54 92 28 92 12	875	7A 8	A George A. Garner D. A. Broening SP Roy C. Robinett A John W. Ateell Enos Wood	3 7 C 3 2 2 5 7 C 3
a Water Norks a ag Green ad eye le a eld Gressw k	0817 Cooper 085M Pike 0878 Takey 0980 Lina 1037 Chariton		1 91 12 7 92 52 7 93 05 6 92 08	767 652	SP 7A	7A Boonville Water Oep 8A Virwil Cook 7A Elser A. Subbard 5P O. F. Breen 6P O. M. Sensche	2 2 5 2 2 2 3 5 2 2 5	Maiden CAA AP Mansfleld Marbln R111 Marehall Marshflnid	5227 5253 5298 5307	Ounklin Wright Bollinger Saline Webster	12 6 7 12	36 36 37 06 37 18 39 07 37 20	92 35 89 58 93 11 92 54	297 - 440 775 1484	6P 3	ID U.S. Civil Aero Adm 7A Henry O. Brown 7A Willa B. Williams 5P Municipal Utilities 5P Sho-Me Power Co.	3 2 3 5
he 's bunker sgton Junctles or or CAA AP	1087 Dallae 1101 Weywolda 1141 Wodnesy 1145 Baten 1147 Sates	1 27 2 7 40 3 9 35 1 9 36 1	95 04 6 94 20 8 94 20	846 870	5p	8A L. H. Hoaerton 7A C. O. Highley 7A Malph B. Fuller 5P Harley W. Johnson 10 U.S. Civil Aero Adm	1	Wartingburg Waryville Waryville 7 NNW McCredie 2 W McCredie 8xp. Station	5345 5410 5415	Audrain Nodaway Nodaway Callaway Callaway	7	39 06 40 21 40 25 38 58 38 57	91 54	1189 1143	100 3	7A Fr. R. Frense SP R. B. Montgomery ID Earl W. Trueblood ID Lelia B. Craig ID U.8. Soil Conserv.	3 2 3 5 C C C
andoutes anybo 2 as so Lock 4 Dan 20 as 5 Grie Lock & Ons age transcas No State	I212 Casdee I231 Dueklis 1375 Levia 1283 Liachis 1291 C Girardeau	10 26 2 6 40 0 9 39 0 9 27 1	8 89 22	940 214 488 347	5P 7P 5P	4P Mo. Conserv. Comm. 5P Mr. M. Bob Commr 7A lockmaater 10 U. S. Mngineera 5P Teachers College	2 2 5 2 3 5 2 2 5 C 2 2 5 7	Mnspble Morcer 6 NW Mnxlco Middletown 5 NE Milan	5519 5541 5565 5578	Scotland Wercer Audrain Pike Sullivan	4 8 6 4	40 27 40 33 39 10 39 10 40 12	93 38 91 53 91 22 93 07	787 800 -	7A 3	7A John W. Alexander 7A Oscar L. Hartley 7A D. N. Woods 7A Eloise M. Graham 7A Charles E. Smith	2 3 5 3 2 3 5 7 3 C
age 6 rardens npi ager Hilla ar 106 a age herovilla	1298 C Girardeau 1204 Cedar 1340 Carrnll 1356 Jaeper 1264 Pemlacot	7 39 2 11 27 1 6 36 1		962	6P	7A Lee L. Albert 8P S. 8. Pricn 8P Saroid E. Finley 7A Phil B. Davis 7A Victor T. Walloure	2 2 3 5 2 3 5 .2 3 5 2 3 5	Miller 2 8E Moberly Radio KNCM Monntt Monroe City Mora	5671 5700 5708 5754	Laerence Randolph Sarry Monron Senton	8 6 7	1	81 44 93 13	1280 850 1310	ri Pi	O William A. Garoutte SP Radio Sta. KNCM SA Kenneth G. Meuser SS J. S. Comeay ID Emma M. Meyer	2 3 5 C C 2 3 5 3 C
nessel le Ranger Sta. catery, 11c enterv e Ranger Sta setta la laduich	1383 Barry 1487 Meymolds 1472 Meymolds 1482 Boose 1490. Chriatlan	12 36 4 1 27 3 1 37 2 6 29 1 12 36 5	90 57 6 90 57 2 93 08 6 93 03			7A Florence A. Karos 7A Corda Jane Rarrison 8A U.S. Fornet Service 8A Earl M. Seysour 7A Sylvia Fletcher	3 7 C 3 7 3 3 3 3	Morehouse Moselle -Mountain Grown 2 N Mount Vernos 3 8W Neosho	5816 5834 5861 5976	New Madrid Franklin Wright Lawrence Newton	5 3 8 8	36 51 38 23 37 09 37 04 36 52	90 54 92 16 92 52 84 32	497 1462 1174 1011	5P 8 6P 6 5P 5	AP J. A. Spence BA Ernest J. Foster BA Mo Frult Exp 6ta BP Wm. E. Kirchhoff DU.S. Fisherles Sts.	3 3 2 3 5 7 C 2 3 5 2 3 5
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ftem City intem 1 NFW New mobils WB Sirport option	1704 Cooper 1711 Heary 1772 Carroll 1790 Boose 1832 Vodaway	9 36 2 4 38 3 7 38 5 7 40 1	5 92 02 2 92 47 1 62 32 8 92 22 6 94 41	1108	8A 110 M 5P	7A F. 6. Needy 8A Loyd M. Millan 7A Jewel B. Trussell ID U.S. Weather Bureau 5P Fr. Adelhelm Beas	3 2 2 5 C 3 2 2 5 6 7 C 2 3 5	Oates Tower Odesea Oregon Oregon 1 NE Osceola 2 NE	6269 6357 6259	Reynolds Lafayettn Rolt Nodaway St. Clair	7 7 7	27 32 29 00 29 59 29 59 38 05	91 03 93 57 95 09 95 08 93 29	1092 1040	6P 3	7A Ethel Sun Adams 7A Wm. E. Dougberty 7A James M. Curry 1D Addie A. Burtnutt 7A Sam H. Simmons	3 3 2 2 5 7 C 2 C
ia a Station rame Ecuntala Rev ia City 1 V	1837 Lafayette 1870 Crawford 1980 Iros 2004 Pulaaki 2021 Jefferson	5 37 4 10 27 2 9 37 5 9 21 1	7 82 15 4 90 23	-	5P	7A Martin Srockman 7A Thomas J. Gorman 9A Roy E. Thomlison 6P Charlee iden 5P Oscar F. Tidd	3 2 3 3 2 3 5	Owensville Ozark Ozark Beach Pacific Palmyra	6452 6460 6468 6493	Gasconade Christian Taney Franklin Warion	12 12 5 6	38 21 27 01 36 40 28 29 39 48	93 07 90 44 91 30	935 1150 700 - -	8A 8	Aneth E. 1man A William L. Reed A Empire Ols El Co A Arthur O. Leels Jesse E. George	2 C 3 3 5 3 3
norming to Soto praise phas	2043 Crawford 2156 Pemimoot 2220 Jeffermom 2235 Mtoddard 2289 Mipley	10 36 1: 9 38 0: 10 38 4 1 38 3:		344	6P	8A Fr. C. J. Rornsey 7A Clarence E. Carnell 7A Roy M. Oeecy 6A J. L. Jackson 6P Boyce Lackny	3 3 3 2 2 2 5	Parls Parma Pattonsburg Perry Perryville	6532 6562 6633 6641	Monroe Nes Madrid Daviess Rails Perry	10 4 6	39 29 26 37 40 03 29 26 29 43	89 48 94 09 91 40 89 52	- - 710	M1	A J. W. Reed A Laura E. Morgan D Wade O. Moody D Rev. C. 8. Joreen A John 8, Bagan	3 3 C C
iphan 3 V Incre ag Eno' End Edgerton	2394 Ripley 2302 Ozark 2216 Schupler 2406 Iros 2474 Platte		6 92 12 9 92 22 1 91 02 0 94 38		6P	7A Geo. Saumgardner 10 Alta M. Deuprne 1D Sdeard L. Seeler 7A C. O. Smith 7A Velma L. Jackson	3 C C 2 3 5	Plerce City. Pleasant Hill Polo Poplar Bluff Portageville	6748 6775 6781 6799	Laerence Cass Caldwell Sutler Wee Madrid	6	36 57 38 48 39 33 26 45 36 26	89 41	, 1018 232 282	7p 1	7A John P. Davis 5A Dean T. Knorpp 7A Ralph C. Olbright 7A D. M. Richardson 5P Portageville Rev.	3 2 3 2 3 5 2 3 5
to the rade 2prings at N .ingles	2482 6nox 2502 Miller 2511 Cedar 2519 Ozark 2547 6eyaolds	9 37 5: 12 36 2: 1 37 1:	92 35 2 94 01 6 92 09 4 90 59	1 -	5P	7A Paul O. Pettlt 5P Artbur Rothenll 6P Clyde J. Snodgrasa 7A Loyd Pricn 5. Phronia Sanders	3 2 3 5 2 3 3 C	Potosi 2 S Princeton Pualco Qulin Reynolds	6866 6934 6970 7094	Wasbington Mercer Stoddard Sutler Reynolds	10 10 1	37 54 40 24 36 57 28 26 37 24	92 36 90 10 90 15 91 05	835 - -	5P 5	Arthur M. Riehl 5P Glen L. Seanburg 7A J. W. Steinmeler 7A Torrence J. Johns 7A Effie V. Hill	C 2 2 5 3 2 2 2
a more shorry in souce 3 pro a rfaz are agtee	2583 Carter 2591 Lincols 2617 Shanson 3726 Atchlson 2809 St. Fraecols	2 39 10 1 37 1 7 40 30 1 10 37 4	91 23 95 24 7 90 28	1250	8A 7P	7A #1111as Perkina 8A Soll Conserv, Serv. 10 Thomas J. Cbliton 7A Olliard A. Price 6A F. M. Earscb	3 2 3 5 C 3 7 C	Richmond 7 N Richmonds Ridgemay 1 6E Roby Rogersville 1 ENE	7122 7130 7214 7255	Ray Washington Harrison Texas Webster	3 14	39 22 38 09 40 22 37 30 37 07	90 50 92 56 92 08 92 03	1420	M1	D Orelia E. Smith TA Elma M. Oe Clue LO Keith Jackson TA Roy E. Onniels LO Euyla V. Sracken	3 C C C
Fundamentes CAA AP Faretta Fina Fundamental Fundamental Fundamental	3M11 St. Francols 2823 Howard 2M81 Butler 2975 7anep 2995 Livingatos	12 36 4	6 80 24 9 92 41 7 90 14 1 93 06 2 83 16	760	6P	ID U.S. Clv11 Aero Adm 6P Irvin E. Schnell 7A Fred Lovell 7A Otto Menpos SS Mo. Cone. Comm.	2 2 5 2 2 5 2 3 C 2 3 5	Rolla School of Mines Rolla 5 8E Rolla 2 W Rolla 4 SE Rolla 7 8	7264 7265 7266	Phelps Phelps Phelps Phelps Phulps	5 2 5	37 57 27 54 27 57 27 56 27 51	91 43 91 50	1202 1100 865 1040 970	M1 M1	SA School of Mines D Walter W. Snelson D Lnslie H. Underwood D Mrs. H. P. Light D Gertrude Ponzer	2 2 5 C C C C C C
Front Ricore Format Towar Format App m. end cal atla 3 WE	2039 Madimos 2052 Carter 2072 Callaway 2094 Stome 2102 Daviess	1 36 5 7 26 5 14 36 4 4 39 5	2 90 17 8 91 14 1 91 57 8 92 28 6 92 57	818 1035	8.8	7A R. H. Lealle 8A U.S. Forest Service 8A y. M. Sillimartner 7A Barold O. Stewart 7A Frank Hershbermer	2 3 2 2 5 C	Round Spring Saint Charles Saint Jasns 2 NW Saint Josnph WB AP Saint Louis WB AP	7397 7424 7440	Shannon 8t. Charles Phelps Suchanan Saint Louis	5 7	27 18 28 47 28 01 29 46 38 45	90 29 91 40	1005 809 552	MID MI	7A C. E. Jones 7A Charles J. Koenig ID William S. Jones 5A U.S. Weather Bureau IO U.S. Weather Sureau	
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## STATION INDEX

Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Temp. day	on	Observer		Refe to table		Station	Index No.	County	Drainage;	Latitude	1	Pondinge	Mevation	Obe vation tim	OED.	Observe	DZ .	Rei
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Webster Groves Weingarten West Plains Willamsburg Williamsville	8799 8880 8960	Saint Louis St Genevievs Bowoll Callaway Wayno	8	38 35 37 53 36 44 38 55 36 58	90 13 91 51 91 43	833 1005	5P MID	SP MID MID	Thomas J. McCawlsy William J. Miller U.S. Weathor Bursau Mary W. Crump George W. Julian	2 :	5 5	7 C										ı			
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<sup>‡</sup> DRAINAGE CODS: 1. Black 2. Charlton 3. Gascomado 4. Grand 5. Meranoc 8. Minsleslppi 7. Missourl 8. Naosho 9. Osage 10. Smint Francis 11. Smilns 12. Spring 13. Tarkio 14. White

#### REFERENCE NOTES

The four digit identification aumhers in the index number column of the Station Index are assigned on a stats basis. There will be no duplication of numbers eithin a state.

figures and latters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

womthly and measonal snowfall and heating dagree days for the preceding 12 months will he carried in the June issue of this hulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Duless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., prscipitation and evaporation in inches, and wind movement in alles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise sown by footnote following Table 6.

Sleet and hail were included in snowfall averagas in Table 1, heginning with July 1948.

amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Sacw on ground in Tabla 7 is at observation tims for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.

TIR EQUIV IN Tabla 7 means the water squivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two
inches or more. Watar equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other
aumes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tablas 3. 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

  And also on a later date or dates.

  Amount included in following measurement, time distribution unknown.

  Gage is equipped with a windshield.

  Adjusted to a full month.

  Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

  Water aquivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

  Ona or more days of record missing; see Table 5 for detailed dsily record. Degree Day data, if carried for this station, have heen adjusted to represent the value for the full month.

  Daily values and monthly total from recording gage.

  Tarca, an amount too small to measure.

  Includes total for previous month.

Subscription Price: 15 cents per copy; montbly and annual, \$1.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders about ba made payable to the Treasurer of the United States. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documenta, Government Printing Office, Washington 25, D. C.

WRPC, KANSAS CITY, MO., -- 1-22-54 -- 950

\$ 39 38 93 4 Stilwelio O Watcut 38 98 96 39

Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data".

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# U. S. DEPARTMENT OF COMMERCE SINCLAIR WEEKS, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

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## CLIMATOLOGICAL DATA

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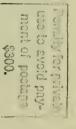
DECEMBER 1953
Volume LVII No. 12

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HAT.





#### MISSOURI - DECEMBER 1953

#### H. F. Wahlgren, Section Director - Saint Louis

#### WEATHER SUMMARY

December's below normal precipitation made 1953 the driest year on record. Above normal temperatures continued the pattern of the past 8 months. In fact, April was the only month this year to report below normal monthly average temperature. The Statewide average temperature for December was 36.4°, or 2.5° above normal. The northern division of the State experienced near normal precipitation, because of the substantial amounts which fell on the 2d and 3d. The average precipitation for the month was 1.39 inches, or 0.79 inch below normal. Deering, in the southeastern division, recorded the greatest total, namely 3.55 inches. The least fall, 0.34 inch, was reported by Jefferson City. The greatest minus departure occurred at Williamsville, which reported 2.81 inches below normal. Conception was one of the few stations in the State with above normal precipitation, recording 1.23 inches above normal.

While the first half of December was marked by above-seasonal temperatures, the latter half was comparatively cold. On the 16th a very cold high pressure system moved across Missouri and gave the State one of its coldest periods of the month. The second cold spell occurred on the 23d, with almost all stations recording their lowest temperatures of the month on this date. Carrollton, in th northcentral area, had the lowest temperature in the State, 11° below zero, on the 23d. The highest temperature in the State was 69° at Ozark Beach on the 1s For the second consecutive month Caruthersville had the highest mean temperatur recording 40.8°. The lowest mean temperature was 30.1°, at Memphis.

Snowfall was almost Statewide on the 22d, with the heaviest average fall, 5.0 inches, occurring in the northern half. The greatest total snowfall for the month was 12.5 inches at Amity; this was 10.2 inches more than the current mont State average of 2.3 inches and was 7.5 inches more than the average for the northern division. The greatest snow cover amounts prevailed during the latter part of the month and in the northern division, where depths averaged 3.7 inche

Rain and snow falling on unfrozen soils in early December relieved topsoil mois ture shortages generally. The above-normal precipitation for the first quarter of the month, permitted wheat and other fall grains to make marked gains.

Topsoil moisture was mostly adequate, although the subsoil remained very dry. Lack of snow cover most of the month caused wheat crops to be exposed to the full effect of the cold which prevailed on the 17th and 18th. Nevertheless, the small amount of water in the topsoil reduced the freeze damage. The cold also reduced the supply of available water for livestock and this aggravated an already critical situation in the south portion of the State. The snow melt in the north, however, served to keep the topsoil moist and some small streams flowing, but water hauling was still necessary in some localities. Streamflow remained greatly deficient with the lowest level in 11 years of record for December being observed in the key well at Trenton. There were no severe storms or floods reported during the month.--J.P.C.

## SUPPLEMENTAL DATA

MISSOURI DECEMBER 1953

	Wind	direction		Wind m.	speed p. h.		Relati	ive hum	idity ave	rages -		Numl	oer of d	ays with	precip	itation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fartest	Direction of fastest mile	Date of fastest mile	12:30A CST	6130A CST	12:30P CS,T	6130P CST	Trace	.01–.09	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
LUMBIA WB AIRPORT	WSW	15	12.3	44	SW	4	70	71	51	57	5	5	3	0	0	0	13	60	4.7
MSAS CITY WB AIRPORT	SSW	24	12.5	43	SE	5	68	72	61	63	5	4	2	2	0	0	13	59	4.5
JOSEPH WB AIRPORT	-	-	13.2	45	NW	22	-	74	58	67	3	4	2	0	1	0	10	65	4.5
LOUIS #8 CITY	5 †	21†	14.7	50	SW	4	6.5†	68 <del>†</del>	53†	56 <del>†</del>	6	4	1	0	0	0	11	56	5.2
RINGFIELD WE AIRPORT	SSE	18	14.8	49	SW	3	72	73	57	65	7	3	3	1	0	0	14	58	5.0

† -- airport data

## COMPARATIVE DATA

0ECEMBER

T	emperatu	II e	P	recipitatio	n		Te	emperatu	re	Pi	recipitatio	on		Te	emperatu.	re	. P	recipitation	on
Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more	Year	Average	Highest	Lowest	Average	Average	No. of days .01 or more
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35.2 36.7 34.3 38.8 29.3	76 75 69 79 74	- 7 - 7 - 8 - 5 -14	0.97 2.41 6.40 0.92 3.03	2.7 1.3 3.4 T 6.3	5 5 8 3 7	1918 1919 1920 1921 1922	40.0 28.5 35.6 36.9 36.3	83 74 77 74 75	-12 -22 -10 - 8 - 6	3.23 0.72 2.12 1.97 2.27	7.8 0.7 2.3 1.9 0.2	7 3 5 6 6	1943 1944 1945 1946 1947	31.3 29.1 27.8 40.2 37.7	72 70 70 77 73	-20 -14 -20 - 8 7	2.10 2.26 1.39 2.44 1.84	6.8 5.1 7.9 0.5 1.1	8 8 8 5 5
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9 9 9 9 9 9	Year   Year	35.9 70 0 2.43 6 1913 38.3 46.8 80 2 1.09 0.1 3 1914 26.8 80 2 1.09 0.1 3 1914 26.8 8.7 7 7 - 2.2 2.50 4.8 6 1917 25.5 35.2 76 - 7 2.41 1.3 5 1919 28.5 34.7 35.8 79 - 5 0.92 7 3 31.3 6.9 36.9 76 - 7 3.3 2.22 6.6 9 1922 36.3 30.4 75 - 13 2.22 6.6 9 1922 36.3 30.4 75 - 13 2.22 6.6 9 1924 27.7 35.6 6.8 - 3 0.79 0.6 4 1925 31.6 32.6 30.7 68 - 7 3.32 3.1 8 1927 29.9 30.2 65 - 11 1.70 2.3 5 1928 36.2 32.6 33.3 66 - 2 1.71 1.70 2.3 5 1928 36.2 33.3 66 - 2 1.71 1.70 2.3 5 1928 36.2 33.3 66 - 2 1.71 1.70 2.3 5 1928 36.2 33.3 66 - 2 1.71 1.70 2.3 5 1928 36.2 33.3 36.4 80 - 4 0.2 5 0.6 8 1931 34.7 37.7 76 3 1.75 3.7 7 1932 31.2 38.4 80 - 4 0.2 5 0.6 8 1931 32.2 31.2 33.4 80 - 4 0.2 5 0.6 8 1931 32.2 31.2 33.4 80 - 4 0.2 5 0.6 8 1931 32.2 31.2 33.4 80 - 4 0.2 5 0.6 8 1931 42.7 33.7 76 3 1.75 3.7 7 1932 31.2 33.4 80 - 4 0.2 5 0.6 8 1931 32.2 31.2 33.4 80 - 4 0.2 5 0.6 8 1931 32.2 31.2 33.4 80 - 4 0.2 5 0.6 8 1931 32.2 31.2 33.4 80 - 4 0.2 5 0.6 8 1931 32.2 31.2 33.4 80 - 4 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33.3 39.1 80 1931 33.3 39.1 80 1931 33.3 39.1 80 1931 33.3 39.1 80 193	35.9 70 0 2.43 0 1913 38.3 74 46.8 80 2 1.09 0.1 3 36.0 76 -3 1.18 4.6 12 1915 34.7 68 39.8 72 -1 1.88 4.6 6 1916 31.3 82 29.4 75 -22 2.50 4.8 6 1916 31.3 82 35.2 76 -7 0.97 2.7 5 1918 72.5 82 35.2 76 -7 2.41 1.3 5 1919 28.5 74 34.3 69 -8 6.40 3.4 8 1920 35.6 77 38.8 79 -5 0.92 7 3 1921 36.9 74 29.3 74 -14 3.03 6.3 7 1922 36.3 75 28.7 74 -20 1.65 5.1 5 1923 35.6 77 29.3 74 -14 3.03 6.3 7 1922 36.3 75 28.7 74 -20 1.65 5.1 5 1923 41.0 82 35.6 68 -3 0.79 0.6 4 1925 31.6 69 35.6 68 -3 0.79 0.6 4 1925 31.6 69 35.6 75 30.7 68 -7 3.32 3.1 8 1927 29.9 74 30.2 65 -11 1.70 2.3 5 1928 36.2 86 33.3 66 -2 1.71 1.7 4 1930 34.2 70 38.4 80 -4 0.75 7.7 8 1931 42.7 80 37.7 76 3 1.75 3.7 7 1932 31.2 77 38.4 80 -4 0.75 7.7 8 1934 31.2 77 38.4 80 -4 0.75 7.7 8 1934 31.2 67 31.2 67 -5 1.49 2.4 4 1935 30.7 66 31.2 67 -5 1.49 2.4 4 1935 30.7 66 31.2 67 -5 1.49 2.4 4 1936 38.4 69	35.9 70 0 2.43 0 1913 38.3 74 -3 46.8 80 2 1.09 0.1 3 1914 26.8 68 -18 38.8 72 -1 1.88 6 1916 31.3 82 -22 33 52.4 75 -22 2.50 4.8 6 1916 31.3 82 -22 33 52.2 76 -7 2.41 1.3 5 1919 28.5 74 -22 34.3 69 -8 6.40 3.4 8 6 1919 28.5 77 -10 38.8 79 -5 0.92 7 3 1921 36.3 77 -10 38.8 79 -5 0.92 7 3 1921 36.9 77 -10 38.8 79 -5 0.92 7 3 1922 36.3 75 -6 3 10.7 68 -3 0.79 0.6 4 1925 31.6 69 -10 28.5 71 -22 3.20 6.9 8 1926 32.6 75 -12 30.7 68 -7 3.32 3.1 8 1927 29.9 74 -11 30.2 65 -11 1.70 2.3 5 1928 36.2 70 2.3 33.3 66 -2 1.71 1.77 4 1930 34.2 70 2.3 38.4 80 -4 0.78 7 3 1931 31.2 77 -21 38.4 80 -4 0.78 7 3 1932 31.2 77 -21 38.4 80 -4 0.78 7 3 1932 31.2 77 -21 38.4 80 -4 0.78 7 3 1932 31.2 77 -21 38.4 80 -4 0.78 7 3 1932 31.2 77 -21 38.4 80 -4 0.78 7 3 1932 31.2 77 -21 38.4 80 -4 0.78 7 3 1932 31.2 77 -21 38.4 80 -4 0.78 7 3 1933 31.2 77 -21 38.4 80 -4 0.78 7 3 1933 31.6 69 -3 31.75 66 -11 2.87 7.7 8 1933 31.6 69 -3 31.2 67 -5 1.49 2.44 4 1935 30.7 66 -11 2.87 7.7 8 1933 31.6 69 -3 31.2 67 -5 1.49 2.44 4 1935 30.7 66 -11 2.87 7.7 8 1933 31.6 69 -3 31.2 67 -5 1.49 2.44 4 1935 30.7 66 -11 2.87 7.7 8 1933 30.7 66 -13 31.6 69 -3 31.2 67 -5 1.49 2.44 4 1935 30.7 66 -11 3.87 7.7 18 1934 31.6 69 -3 31.2 67 -5 1.49 2.44 4 1935 30.7 66 -11 3.87 7.7 18 1934 31.6 69 -3 31.2 67 -5 1.49 2.44 4 1935 30.7 66 -11 3.87 7.7 18 1934 31.6 69 -3 31.2 67 -5 1.49 2.44 4 1935 30.7 66 -11 3.87 7.7 18 1935 30.7 66 -11 3.87 7.7 1936 38.4 69 -7 74 -11 2.85 5.1 7 1936 38.4 69 -7 7	35.9 70 0 2.43 6 1913 38.3 74 -3 2.26 6 8 -18 2.51 36.0 76 -7 2.41 1.3 5 1919 28.5 74 -22 0.72 34.3 69 -8 6.40 3.4 8 1920 35.6 77 -10 2.12 38.8 99 -5 0.92 7 3.3 1921 36.9 74 -8 1.97 29.3 74 -14 3.03 6.3 7 1922 36.3 75 -6 2.27 28.7 74 -20 3.26 6.6 9 1924 27.7 80 -28 3.48 3.6 68 -3 0.79 0.6 4 1925 31.6 69 -10 1.43 38.6 68 -7 3.32 3.1 8 1927 29.9 74 -11 2.81 30.2 65 -11 1.70 2.3 5 1928 36.2 76 -9 1.74 33.3 66 -2 1.71 1.70 4 1930 34.2 70 2 1.24 38.4 80 -4 0.78 T 3.2 1934 41.6 69 -3 1.80 31.2 67 -5 1.49 24.4 75 -22 1.71 1.7 4 1930 34.2 70 2 1.24 38.4 80 -4 0.78 T 3.2 1934 41.6 69 -3 1.80 11.2 71 37.7 76 3 1.75 3.7 7 1932 31.2 77 -21 4.74 38.4 80 -4 0.78 T 3.2 1934 31.6 69 -3 1.80 11.2 71 37.7 76 3 1.75 3.7 7 1932 31.2 77 -21 4.74 38.4 80 -4 0.78 T 3.2 1933 39.1 78 -7 1.92 31.2 77 -21 4.74 38.4 80 -4 0.78 T 3.2 1933 39.1 78 -7 1.27 38.4 80 -4 0.78 T 3.2 1934 31.6 69 -3 1.80 31.2 67 -5 1.1 1.70 2.3 5 1928 36.2 81 0 2.29 32.9 75 -10 1.55 6.0 5 1929 35.2 76 -9 1.74 33.3 66 -2 1.71 1.77 4 1930 34.2 70 2 1.24 38.1 39.4 80 -4 0.78 T 3.2 1933 39.1 78 -7 -21 4.74 38.4 80 -4 0.78 T 3.2 1933 39.1 78 -7 -21 4.74 38.4 80 -4 0.78 T 3.2 1934 31.6 69 -3 1.80 31.2 67 -5 1.49 2.4 4 1935 30.7 66 -11 1.20 31.2 67 -5 1.49 2.4 4 1935 30.7 66 -11 1.20 31.2 67 -5 1.49 2.4 4 1935 30.7 66 -11 1.20 33.7 74 -11 2.85	35.9 70 0 2.43 6 1913 38.3 74 -3 2.26 6.6 6 46.8 80 2 1.09 0.1 3 1914 26.8 68 -18 2.51 6.6 36.0 76 -3 1.18 4.6 13 1914 26.8 68 -18 2.51 6.6 38.8 72 -1 1.88 4.6 1916 31.3 82 -29 1.92 4.4 29.4 75 -22 2.50 4.8 6 1917 25.5 82 -23 0.76 7.3 35.2 76 -7 0.97 2.7 5 1918 40.0 31.3 82 -29 1.92 4.4 29.4 75 -2 2.50 4.8 6 1917 25.5 82 -23 0.76 7.3 35.2 76 -7 0.97 2.7 5 1918 40.0 31.3 82 -29 1.92 4.4 38.8 79 -5 0.92 7 3.3 1919 28.5 74 -22 0.72 0.7 34.3 69 -8 6.40 3.4 8 1920 35.6 77 -10 2.12 2.3 38.8 79 -5 0.92 7 3.3 1921 36.9 74 -8 1.97 1.9 29.3 74 -14 3.03 6.3 7 1922 36.3 75 -6 2.27 0.2 28.7 74 -20 1.55 5.1 5 1923 41.0 82 -4 8 1.97 1.9 29.3 74 -14 3.03 6.3 7 1922 36.3 75 -6 2.27 0.2 28.7 74 -20 1.65 5.1 5 1923 41.0 82 -4 8 1.97 1.9 29.3 30.4 75 -13 2.22 6.6 9 1924 27.7 80 -28 3.48 4.6 35.6 68 -3 0.79 0.6 4 1925 31.6 69 -10 1.43 4.8 28.5 71 -29 3.20 6.9 8 1926 32.6 75 -12 2.16 2.4 30.7 68 -7 3.32 3.1 8 1927 29.9 74 -11 2.81 2.9 30.2 65 -11 1.70 2.3 5 1928 36.2 81 0 2.29 1.4 33.3 66 -2 1.71 1.7 4 1930 34.2 70 2 1.24 1.9 30.2 65 -11 1.75 3.7 7 1932 31.2 77 -21 4.74 5.7 38.4 80 -4 0.87 7.7 8 1931 39.1 78 -7 1.92 0.4 24.9 76 -17 2.87 7.7 8 1934 31.6 69 -3 1.80 5.0 31.2 67 -5 1.49 2.4 4 1935 30.7 66 -11 1.20 2.8 36.7 74 -11 2.85 5.1 7 1936 30.7 66 -7 2.82 2.8	Year   State   Year   State   Year   State   Year   State   Year   State   Year   State   Year   State   Year   State   Year   Year   State   Year	35.9   70   0   2.43   0   6   1913   38.3   74   -3   2.26   6.6   7   1938   35.9	Year   Year	Second   S	Second   S	35.9 70 0 2.43 6 1914 26.8 68 -18 2.51 6.6 9 1940 38.8 80 -5 1.45 6.3 1915 34.7 68 -13 2.99 7.8 6 1940 38.6 78 -2 2.59 1.7 39.8 75 -7 2.41 1.3 5 1919 28.5 74 -22 0.72 0.7 3 1938 31.3 72 -20 2.10 6.8 38.8 69 -8 8.40 3.4 8 1920 35.6 77 -10 2.12 2.3 5 1944 29.1 70 -14 2.26 5.1 34.3 6.9 -8 8.40 3.4 8 1920 35.6 77 -10 2.12 2.3 5 1944 29.1 70 -14 2.26 5.1 34.3 6.9 -8 8.40 3.4 8 1920 35.6 77 -10 2.12 2.3 5 1945 27.8 70 -20 1.39 7.9 1.4 1.1 3.0 5 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	

erages for the period 1948 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

	ſ				Ten	pera	ture									P	recip	itation			
Station					Паl					Days		of I		-	Bal	Day		Snow,		leil	No.
Salion		Average Maxiouo	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	9	Ma YPOA	-+	Min.	Total	Departure From Normal	Greatest I	Date	Total	Max. Depth on Ground	Date	.01 or More
NORTHERN DIVISION												+									
LBANY MITY ETHANY ROOKFIELD RUNSWICK		43.9 43.7 43.9 47.4 46.6	23.4 23.2 22.8 24.4 25.2	33.7 33.5 33.4 35.9 35.9	3.3 5.3	58 57 59 64 63	2+ 1+ 3 3	- 4 - 2 - 3 - 5	23 23 23 23 23	965 969 972 892 897	00000	3 2 2	6 1 6 2 6 1 4 1 2 0	1.44	.62 .51 .29	.80 1.03 .52 .60	2 9 3 2 22	5.0 12.5 10.0	3 8 7 4	22 10 10 22+	5 6 8 6 6
ANTON L & D 20 ARROLLTON HILLICOTHE RADIO KCHI OLUMBIA WB AP ONCEPTION	R	45.5 44.8 46.2 46.1 44.9	22.8 23.2M 23.1 26.4 23.3	34.2 34.0M 34.7 36.3 34.1	2.5 4.8 3.2 4.9	60 61 61 66 58	7 1+ 4 3 2	- 8 -11 - 8 - 3 - 2	23 23 23 23 23 23	950 961 932 887 948	00000	2 2 2 4 2	3 2 4 1 5 1 2 1 5 1	1.28 1.50 2.07 1.06 2.11	35 .65 -1.01 1.23	.55 .55 .74 .41 .85	3 2 2 2 2 2	4.5 7.2 9.7 2.9 5.0	5 7 5 3 2	22+ 22+ 22 22+ 9+	5 7 6 8 5
OGERTON SBERRY AYETTE DUNTAIN GROVE WILDLIFE JLTON 4 SW		45.5 46.0 47.5 46.9 45.4	23.4M 22.4 24.0 23.2 23.5	34.5M 34.2 35.8 35.1 34.5	- 4.1 2 4.7	59 63 66 63 64	1 8 3 8 4	-10 - 1 - 6 -10 - 4	23 23 23 23 23 23+	940 899 922	00000	2 2 2	5 2 4 1 4 1 24 2	1.24	.43 -1.43 42 -1.29	.71 .40 .52	3 2 2 3	T 4.5	5 7 4 6 1	22 22+ 22+ 22+ 22+ 22+	456 4
RANT CITY ANNIBAL WATER WORKS ANSAS CITY WB AP IODER	R	42.3 44.0 44.3	22.2 24.0 27.8	32.3 34.0 36.1	4.3 2.5 2.4	57 61 59	2+ 3 1	- 2 - 6 3	23 23 23	1007 953 890	000	5 2	8 1 4 2 0 0		.18 46 33	.76 .56 .68	3 2 2	3.0 3.0 8.8	1 1 8	21 22+ 22	4 6 8
IRKSVILLE RADIO KIRX IRKSVILLE CAA AP ATHROP 3 SW OUISIANA STARKS NUR ACON	R	42.3 41.6 43.5 47.3 42.3	21.8M 20.5 23.9 23.3M 18.4	32.1M 31.1 33.7 35.3M 30.4	2.5 3.5 .3	63 63 58 63 64	3 3 7 4	- 6 - 9 - 3 - 4 -10	23 23 23 23 23	1013 1044 962 917	00000	4 2	7 3 4 1 3 9 4		.16	.65 .55 .40	22 22 3	8.8 11.8 4.1 6.0	7 10 3 3 6	22 22 22+ 22+ 22+	7 7 6 6
ARYVILLE EMPHIS EXICO OBERLY RADIO KNCM EW FLORENCE		41.9 40.7 44.8 45.7 47.1	21.6 19.4M 22.5 23.9M 26.1	31.8 30.1M 33.7 34.8M 36.6	5.0 1.4 1.9 3.3	55 63 64 64 62	1+ 4 4 3 7	25574	23 23+ 23+ 23 23	1023 922 876	00000	7 2	8 1 8 4 5 2 1 2 2	1	.99 .13 82	.62 .74 .37	3 3 3 2	9.3 6.0 3.3	7 5 3 4 1	9 22+ 22+ 22+ 22+	6 5 5
REGON RINCETON T CHARLES AINT JOSEPH WB AP ALISBURY	R	42.6 46.2 49.9 43.8 46.0	23.7 20.5 28.3M 23.0 24.8	33.2 33.4 39.1M 33.4 35.4	4.5 4.2 2.2	56 60 65 58 64	1+ 3 7 1 3	- 1 - 5 - 1 - 4	23 23 23 23 23	980 971 792 971 908	00000	3 2 2 2 4 2	4 1 7 2 1 0 6 1 3 1	1.55 .98 1.98 1.45	.51 81 .59	.59 .63 1.23 .65	3 6 2 22	7 3.0 6.0	0 2 6	21 22+	5 6 7 5
AVERTON L & D 22 HELBINA TEFFENVILLE ARKIO RENTON		47.3 46.2 45.8 44.9 45.5	27.5 22.9 23.6 22.8 24.0	37.4 34.6 34.7 33.9 34.8	4.4 4.1 7.5 5.2	61 64 63 58 62	3+ 3 3 2	0 - 9 - 7 4 0	23 23 23 22 22	851 936 930 958 929	00000	2 2 2 3 2	1 1 25 2 4 2 6 0 4 1		90 65 75 .19	.35 .52 .36 .71	3 3 3 3	1.2 3.5 6.0 4.5	1 3 6 2 8	22+ 22+ 22 9	6 5 5 5 6
NIONVILLE ANDALIA ARRENTON 1 N DIVISION		41.6 48.2M	22.7 26.7M	32.2 37.5M	4.6 5.1 3.6	60	3	- 4	23	1009 808	0	5 2	5 2	1.81	.10 -1.52 15	1.00	3 2	T 5.0	4 T	10+ 21+	7
																					ı
SOUTHWESTERN DIVISION NOERSON 1 SW PPLETON CITY OLIVAR OONVILLE WATER WKS UTLER		49.5 48.0 48.6 43.2 47.5	23.5 26.8 28.9 24.0 28.1M	36.5 37.4 38.8 33.6 37.8M	- 1.0 2.8 3.2 1.3	67 65 64 64 62	1 1 1 4 1	2 - 1 3 - 2 - 1	24 23 23 23+ 23	873 848 803 834	00000	1 2 2 2 2 6 2 2 2	4 0 3 1 2 0 4 2 0 1	1.20	94 39 -1.23 66	.80 .40 .45 .45	3 2 3 3 3	.0 3.5 .5 1.5 3.0	0 4 T 2 3	22 14+ 22+ 22+	56656
UTLER CAA AP AMDENTON APLINGER MILLS ARTHAGE		45.0 50.5 48.6 49.3 49.7	25.9 23.4 26.8 29.2 27.4M	35.5 37.0 37.7 39.3 38.6M	4.3	62 65 66 67 65	1 1 1 3		23 23 23 23 23	909 865 838 790 810	0 0 0 0	4 2 2 2 2 2 2 2 2	2 1 26 1 1 1 22 0 10 1	1.42	28 69	.43 .42 .41 .83 .46	3 3 2 3 2	1.4 2.0 .0 1.0	1 1 0 1	22+ 14+ 22+	66754
HARRISONVILLE CLINTON 1 NNW HERMITAGE JEFF CITY KWOS JOPLIN CAA AP		46.0 50.3 49.4 47.2	28.0M 21.6 26.1 30.6	37.0M 36.0 37.8 38.9	5.7 - 4.9 3	64 66 66 65	2+ 3 3 1	- 8 - 1 7	23	838 893 839 800	0 000	2 2	3 1 5 1 8 0	.59	10 66 -1.35 54	.83 .75 .40 .26	3 2 2 3 3	5.0 .4 T	5 T T	22+ 14+ 22+	3 3 5 5 7
C UNIV OF K C LAKESIDE LAMAR LEBANON 1 ENE LEXINGTON		43.6 48.2 47.9 48.6 42.8	26.5 24.7 25.2 27.5 24.1	35.1 36.5 36.6 38.1 33.5	8 1.4 3.3 1.5	56 65 68 64 61	1+ 2+ 2 3 2	0 4 3 0 0	23 23	921 826	00000	4 2 3 2 2	4 1 4 0 3 0 1 1 6 1	.99 1.29 1.03	47 -1.31 59 -1.25 35	.55 .43 .93 .46	22 3 3 3 3	T 1.0 3.0 5.0	0 5	22+	7 6 3 7 7
.OCKWOOO AARSHALL AARSHFIELO MONETT MOUNTAIN GROVE 2 N		49.2 48.0 50.1 48.8	29.4 27.4 28.9M 26.5	39.3 37.7 39.5M 37.7	3.2	67 62 65 62	1 3 2 3	3 4	23 23 23	790 838 840	0 000	2 2	3 0 2 0 5 0	1.36	72	.90 .53 1.03 .48	3 3 3	1.0	1 1 T	22 14 14+	5 6 3 7
MOUNT VERNON 3 SW NEOSHO NEVADA OZARK BEACH SEOALIA		48.0 51.2 49.4 52.8 47.8	29.0 28.4 29.7 22.9 27.6	38.5 39.8 39.6 37.9 37.7	3.0 2.7 4.3 3.8	66 66 65 69 64	1 1 2 1+	6 6 2 5 3	23 23 23 24 23	811 773 780 839	00000	1 2	1 0 2 0 9 0 15 0 1	1.65	99 85 10 87 17	.61 .65 .90 1.04	3 3 3 3	7 .5 1.5 T 3.0	1 0 3	22+ 22	9 7 4 4 5

### BLE 2 - CONTINUED

				Ten	apera	ture										F	recip	itation					
				le					9,	N	o. of	Day	ys		Fa Fa	, A		Snow,	Sleet, l	Hail			Days
Station	e di	de de		Norm	1				, Days	М	з×.	М	lin.		Vorm	st Day			epth		More	More	
	Average	Average	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree	90° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest	Date	Total	Max. Depth on Ground	Date	.01 or h	.50 or h	1.00 or More
LIGMAN	49.6	28.4M	39.0M	1.7	66	1	5	23	813	0	1	20	0	2.04	16	1.38	3	Т	0		4	1	1
MOUR 4 NNE PRINGFIELD W8 AP R MEET SPRING5 ERSAILLE5	46.0 47.5 47.6	27.5 24.3M 26.2	36.8 35.9M 36.9	1.1	62 65 65	1+ 1 3	- 8 6	23 23 23	867 898 859	0 0 0	2	22 22 24	0 1 0	1.43	74	.75 .67	3 22	.9 8.2	7	14	7 8	1	0
ARRENSBURG CENT T C RSAN NO 1 ASSOLA ASYNESVILLE 2 W SOR 3 NW	46.6 49.6 51.6 52.1 46.5	29.1 26.0 28.2 24.2 27.1	37.9 37.8 39.9 38.2 36.8	4.5 2.1	62 68 66 65 64	1 1 3 1+ 1	2 - 5 5 2 - 1	23 23 23 23 23 23	835 835 772 828 866	00000	2 1 2	18 21 21 25 21	0 1 0 0	1.25 1.26 1.65 .90	29 86	.56 .67 .59 .19	3 3+ 14 3	5.5 1.0 T 4.0 2.0	5 1 0 1 2	22+ 22 22 22+	4 5 5 6 5	1 1 2 0 1	0 0 0 0
DIVISION			37.5	2.6										1.30	74			1.7					
SOUTHEASTERN DIVISION																							
ANCE 5 E5E AD A 3.RCM TREE -ACA & NW AMPBELL	48.5 48.3 49.2 50.1	25.2 26.0M 23.4 22.6	36.9 37.2M 36.3 36.4	2.9 1 1.6	63 62 64 63	5 5 3 5	7 8 3 0	18+ 23 24 18	866 864 882 881	0 0 0	2 1 2 2	23 24 23 23	0 0 0 1	1.59 .66 1.38 1.14	-1.31 -2.19 -1.37 -1.31	.39 .45 .42 .40	3 9 6 9	.0 .0 T T	0 0 T 0	14	7 2 5 6	0 0 0	0 0 0
APE GIRAROEAU MO ST A THERSVILLE HARLESTON LEARMATER DAM RYSTAL CITY 1 N	47.8 51.2 48.7 49.8 50.5	27.0 30.3M 28.8M 24.0 24.8	37.4 40.8M 38.8M 36.9 37.7	1 3.3	64 65 66 67 64	5 5 5 5 5 5 5	6 11 10 2 4	18+ 24 18+ 24 23	846 754 805 862 840	0 0 0 0	2 2	20 18 19 23 23	0 0 0 0	1.52 3.19 2.68 1.28	-2.15 -1.35	.47 1.25 1.15 .37 .25	6 6 6 9 9	T T .0	0.0		6 8 9 8 6	0 3 1 0 0	0 1 1 0 0
ON. PHAN ARMINGTON ARMINGTON CAA AP EENVILLE 4 NNW STON	51.6 48.5 46.8 50.0 49.1	24.5 25.7 23.4 24.6 27.1	38.1 37.1 35.1 37.3 38.1	.3 .4 1.1 2.0	65 62 62 64 64	2+ 5 5 3+ 3	5 3 2 5 3	24 23 18 18+ 23	829 859 919 852 826	0 0 0 0	2 3 2	22 23 24 24 24 20	0 0 0 0	2.16 .39 .61 1.21 1.24	-1.56 -2.41 -2.15 -1.01	.53 .16 .22 .48 .41	3 3 3 3	.0 T T .0	0 T 0 0	10+	9 3 7 6 7	1 0 0 0	0 0 0 0 0
KSON ENNETT RADIO KBOA OSHKONONG I KING 4 N MALDEN CAA AP R	48.3 50.6 49.0 45.7 49.4	26.9 29.5 29.0 24.7 27.1	37.6 40.1 39.0 35.2 38.3	1.0 - 1.2	66 65 62 62 64	5 3 3+ 4 3+	7 9 7 0	24 4 3 23 23	842 770 797	0 0 0 0	1	21 19 21 22 22	0 0 0 1 0	1.20 2.54 1.15 .83 3.05	-2.23 -2.33 -1.55	.45 .77 .28 .37	6 28 3 6 5	T .0 T T T	0 0 0 T 0	14+	7 9 8 6 9	0 2 0 0 2	0 0 0 0
ARBLE HILL ERRYVILLE LAR BLUFF TAGEVILLE OLLA SCHOOL OF MINES	49.8 48.5 51.3 50.9 46.1	22.4 24.9 26.7M 29.6 25.9	36.1 36.7 39.0M 40.3 36.0	6 1.2 1.4	64 65 65 65 63	5 5 4 5 4	72 3 5 12 1	18 18 24 23	888 871 802 759	0 0 0 0	2 2 1	25 23 19 20 22	0 0 0 1	1.46 .69 2.02 3.17 1.06	-2.21 -1.97 -1.12	.55 .35 .50 1.08	3 6 28 6 3	.0 T .0 T	0 0 0 0 T	22	5 3 9 8 5	1 0 1 3 0	0 0 0 1
INT LOUIS WB AP R AINT LOUIS WB CITY R INT LOUIS UNIV ALEM	47.1 47.6 48.7 44.9 46.1	28.2 30.5 30.5 27.1 24.7	37.7 39.1 39.6 36.0 35.4	2.6 2.9 4.5 1.7	63 63 62 62 62	7 7 7 8 4	3 5 6 4 3	23 23 23 23 23 23+	842 797 779	0 0 0 0	3 2 4	20 15 16 21 23	00000	.48 .46 .68 .67	-1.61 -1.97 -1.76 -1.30 -1.81	.22 .25 .25 .38	5 5 6 3	T T .0	T T T O	22 16+ 21+	7 5 6 6 6	0 0 0 0	0 0 0 0
IKESTON IKESTON CROP EXP FARM INN 1 5E ICHY CAA AP PPAPELLO DAM	48.2 47.7 49.4 47.2 47.1	27.5 28.2 24.6 27.0 27.5	37.9 38.0 37.0 37.1 37.3	1.5	65 65 63 62 62	6 5 5+ 3+ 3+	10 10 1 0 9	23+ 23 18 23 23+	829 858 856	00000	3	22 21 24 22 21	0 0 0 1 0	3.43 3.35 .63 .90 1.62	51 -1.58 -1.22	1.76 1.47 .31 .23	6 6 3 3	T T T •9	0 0 T 1	22+	7 9 4 7 6	1 1 0 0	1 1 0 0
BSTER GROVES EINGARTEN EST PLAINS LLOW SPRINGS	48.2 48.7 49.0 46.1	26.8 28.3 25.0 20.5M	37.5 38.5 37.0 33.3M	.5	63 63 65	7 5 3	3 4 7 5	23 23 23 23	843 813 861 984	0000	2	22 20 26	0000	.70 1.09	-2.13	.25	5	T T	T 0 T	22+	6 7	0	0
DIVISION			37.5	1.2										1.43	-1.46			.1					
STATE			36.4	2.5										1.39	79			2.3					

DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AND STATE MEANS.

Table 3				-	-	_							-	Da	7.06 -	onsk									-			-	_	DECE	
Station	Total	1	2	3	4	5 (	6	7	8	9	10	11	12	13	of m	ionth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
ADVANCE 5 ESE ALBANY ALTON 6 ENE AMITY ANGERSON 1 SW	1.59 1.49 2.55 1.41	-	.80 - .30	.39 .39 - .69	Ŧ	-12	.26 - .11 .27		-	.27 .08 -	- 12	-	•12	<u>T</u>	•21 - T	-	- T	- T.	-	7 -	Ī	T T 	·10 -	-	-	-	-		-21		
ANNAPOLIS 7 SW APPLETON CITY ARCAOIA AUXVASSE AVA RANGER STA	.83 1.20 .66 .91 1.38		.12 .40 .34	•20 •35 •21 •07 •85	• 02	•15	.17 T			.25 .45 T				•02	• 06 • 01 T	Т						*01 T	.27 .24	T							
BELLEVIEW BERNIE RETHANY BIRCH TREE RLACK 6 NW	.61 2.76 1.44 1.38 1.14		•30 •28 •08	•54 •52 •32 •12	.03	.05	.27 .10 .18 .42			.20 .10 .30	•01 •18	.34			.42 .06 .15							.04 T	. 05 T						.46		
RLOOMFIELD ROLIVAR ROONVILLE WATERWKS ROWLING GREEN RRAOLEYVILLE	2.49 1.11 1.04 .78	-	*36 *12 *14	•52 •45 •45 •22	•15 •03	.16	.70	• <sup>07</sup>	-	- 27	T -	-	-	-02	.40 .07	T -	-	-	-	-	-	т	.03 .05 .28 .35	-	-	-	-	-	- 42	-	
RROOKFIELO RRUNSWICK RUFFALO BUNKER BURLINGTON JUNCTION	1.57 1.90 1.46		.60 .37 .04	•18 •50 •92 -	.05	-	.06 .26 .25	-	-	.17	-10	-	-	-	·13	-	-	-	-	-	~	-	.34 .62 .09	-		-	-	-	-	-	-
BUTLER RUTLER CAA AP CAMOENTON CAMPRELL CANTON L AND 0 20	1.30 1.19 1.41 1.28	т _	.29 .38 .40	•51 •43 •42 -	- T	-12	.01 T .20	-	-	T T T	•03	T -	-	•02 •03	7 7 •10 7		T -	-	-	-	-	* 13 -	.33 .03 .17 -	- T		-	-	-	-	-	-
CAPE GIRAROEAU MO ST CAPE GIRAROEAU CAPLINGER MILLS CARROLLTON CARTHAGE	1.52 1.45 1.42 1.50		•41 •55 •05	•34 •16 •35 •19 •83	-17 T	• 33 •13	.47			.33 .28				.06 .10 T	•11 •18 •05 T •16	т		т		7		.01 .03	**************************************						•21 •22		
CARUTHERSVILLE CASSVILLE RANGER STA CENTERVILLE CENTERVILLE RANGER STA CENTRALIA	3.19 2.10 .81 .75	.04	.34 .06 .05	T 1.28 .12 .13 .38	•51 •05 T		.25 .16 .17 .18			.40 .37 .33			*11	.01	.20 .15 .04 .06	•02						T T .34	• 05 • 04 T	7					.60	•15	
CHAOWICK CHARLESTON CHILLICOTHE 2 S CHILLICOTHE RAOIO KCHI CLEARWATER DAM	1.60 2.68 1.15 2.07 1.28		•05 •74 •08	1 • 1 3 • 3 8 • 6 6 • 2 0 • 3 4	T •10	16	•21 •27 •27			.18 .01 .20	•07		•23	•10	•24 T •09							•03 7 7 •01	.01 .15 .50						. 42		
CLIFTON CITY CLINTON 1 NNW COLOMA COLUMRIA WR AIRPORT R CONCEPTION	1.21 1.02 1.06 2.11	T .01	.06 .75 .41 .85	•57 •71 •06 •73	•05	.18 .16 .16	·18			T *15	.29	т		.01	T T		т				•01	•06 T	• 02 • 28 • 02 • 34 • 22							т	
CONCOROIA COOK STATION CRANE MOUNTAIN CROCKER CRYSTAL CITY 1 N	1.30 .42 .77 1.21 .47		.06 .05 .16	•51 •13 •23 •19 •03	•02	.48	.20 .23 .17			.29	7			T _	.03		т					т	.56 .14 .03								
CURA OEERING OE SOTO OEXTER OONIPHAN	.70 3.55 .39 1.67 2.16		.10	•11 •71 •04 •10 •53	•08 •01 •45	1	.50 .28 .13			.19 .19 .21	7	•02	•03	. 7 •25	.01 .46 .42 .16	• 03							*05	T .02					.49 .46 .45	•26 T	
OONIPHAN 2 W EAST ENO EOGERTON EOINA ELOON	1.78 - 1.55 1.27 1.07		•10 T •46	.52 .80 .71 .26	•07 •10 •09	•30	- • 31 • 30 7	.35		.19 -12 7	•07		.04	т	-30 T							T T	•41 •55 •10					•31			
ELOORAOO SPRINGS ELIJAH ELLINGTON ELLSINORE ELSBERRY	1.06 .99 .80	-	.40 .20 .20	•30 •47 •20	05		.02 .32 .15 -	-	-	• 25 -	-	-	-	- 06	-		-	-	-	-	-	-	•05			-	-	-	-	-	-
FAIRFAX FARMINGTON FARMINGTON CAA AP FAYETTE FISK	1.10 .39 .61 1.24 1.72		•10 •01 •52	.40 .16 .22 .06	т	.14	.12 .04 .01		•06	.30 .11 .05 .04	Т	т	T •02	т	7 7 7 •37	T						Ť	.30 T .09 .40	7					.44		7
FORSYTH FOUNTAIN GROVE WILDLIFE FREGERICKTOWN FREMONT TOWER FULTON 4 SW	- .9? 1.31 .T?		.65 .24 .01	- •20 •28 •25 •33	-10		.03 .31 .15	•	•	.23	т	-	-	-	T .34	•	-	•	-	-	٠	T T *10	.60 T	-	٠	-	•	•	-		7
GALENA GALLATIN 2 NE GERALO GRANRY GRANT CITY	2 • 13		.35 .05 .37	.07 .89 .76	-		- •13 •32	-	-	- 05	-	-08	-	-	-10	-	-	-	-	-	-	- 06	•15 - •16	-	-	-	-	-	-	-	-
GREENVILLE 4 NNW GREGORY LANDING GROVESPRING HAILEY HANNIBAL	1.21 1.03 .80 1.68		.11	.46 .47 .53 1.05 .52	*10 T	•06	.28 .18 .23			.20 T	T T	•10		.13	.12							.08	.35 T T	т					•03		
HANNIBAL WATERWORKS HARRISONVILLE HAZLEGREEN 2 W HERMANN HERMITAGE	1.08 1.35 .80 .62 1.10		•56 •15 •10 •40	.06 .83 .36 .12	•09		.19 .32 .27			T				•03	,10							.04	•15 •43								
HOUSTON JACKSON JEFF CITY RADIO KWOS JEFFERSON CITY JEFOME	1.24 1.20 .59 .34		.03 .01	•41 •42 •26 •10 •31	.05	т	.45 .15 .16			•15	т.			•05 •02	03 T	т				т		T •02 T	•10 •12 •07 •22						•12	•02	т
JOPLIN CAA AP KAMOKA KANSAS CITY WB APT R K C UWIV OF K C KENNETT RAOIO KBOA	1.35 1.45 1.83 1.49 2.54	.01	.41 .10 .68	.62 .55 .33 .37	†11 †	.06 .04	.11			.05 .02 .13	-10	.02		•04 •02 •02			т			т	Т	.07 .50 .02	.03 .2T .1M .55						• T7	•02	
KEYTESVILLE 4 NE KIDOER KING CITY KIRKSVILLE RADIO KIRX KIRKSVILLE CAA AP R	E 1.97	- - T	- - -60 -51	- - -13 -12	Ξ	.39		Ξ	Ξ	- - -06 -11	Ξ	Ξ	Ξ	- - T	- - T T	:	Ξ	Ξ	=	=	- - -	- - - 02 -10	E.65	Ξ	:	=	Ξ	Ξ,	Ξ	Ξ	111
KOSHYONONG LA BFLLF LAYFSIDF LAMAR LAMPE FOREST SERVICE	1.15 1.95 .96 1.29		*27 † *11 T	.28 1.20 .43 .93	.04 .07		.27 .24 .10			.14	т		• 02		.08 .01 T							.01	.75 .10	.12					.08		1

Table 3-Continued				_	-																						ECEMBER	
Station	Total	1 2	3	4	5	6	7	8	9	10	11	12		of mo	nth 15	16 1	17 18	19	20	21	22	23 24	25	26	27	28	29 30	31
ATHROP 3 SN CRANCO 1 ENE II NOTON T NOS 4 h NOSEUS 7 S	1.34	•3 •0 ₹	9 .46	•01	.10	.08 .22 .10 .37		т	.01 .01	T •01			τ	.01	.02 T		т			Т	.27 .05 .41 .01						т	
OU 5 ANA STARKS NUR 15 ANA 105 ANA 100	1.47 1.08 1.52 1.92	.0 .2 .0	2 .90 6 .07 9 .20 5 .72 5 .69	T •08	.11	.29 .07 .31			.21	•02 •28			•13	.12 T						T T	.61 .10	.09				.33		
ACTON AC	1.38 .70 3.0% 1.63 1.46	*0 *1 **	0 .50	-15	1.18	.43		т	.20	•05	•01		.32	.09 .08 .19					т	.02 T	.47 .10				•10	.40		
MASHALL MASHATELD MATTHESHUPS MATTHESHUPS MATHESHUPS MATHESHUPS MASHATE	1.22 .73 2.07 1.41	.3	0 .53 2 .31 8 .62	.02	.07	•13 •13	-	-	.68	-10	-	-	T T	- 14	-	т		-	-	- T •02	- .05 .25 .20		-	-	-	-		-
ERCER & NO REICO PROCETOWN 9 NE LAN RRENCY RADIO ENCH	1.87 1.09 .46 2.24	•5 •1	0 .37 .10 1.13	.05 .16 T	.05	.27 .21 .09 .36			•58 T T •02	•25				Ť						.01 T	•17 •27 •08 •50							
OTHERS BUCKE 5 W CORECTE COMEDIE CLIAN COMEDIE CLIAN COMEDIE COMEDIE COMEDIE br>COMEDIE COME	1.36 .91 2.93 .65 1.18	•1 •2 •1	41		.11	1.35 .50			. 26		т		т	.20 .42						т	.10					. 47		
DINT VETHON 3 SW  RE NO REVADA RE BOSTON RE FLARENCE	1.55 1.43 1.65 1.63	•2 •2	6 .65 .90 .82		•22 •29	.10 T .23 .30			т		.05 .13		•14 •08 •35	*08 T	т					.03 .01	.07 .01 .17 .51							
F & WADRED NATES TOWER DESSA WEFGOD CEDLA 3 NE	2.70 - 1.15 1.55 1.30		•11 - •65 • 59 •71	T .06	T :	1.24 - 7	-	-	•11	-	-	<u>T</u>	.37 T	T T T • 07	-	•	 T	-	-	-	.50 .18		-	-		. 43		-
of moviete  Care Care BEACH COSTEC CALMYRA	1.18 1.86 .95 1.34		1 .87 4 1.04 8 .12 8 .73		-	- •12 •40	-	-	т	-	-	-	-	08	-	-		-	-	т	- T • 25 • 43		-	-	-	-		-
SU 5 MAHA SUVILLE ESCE CITY LEASANT HILL	.78 3.37 .69 1.59 1.72	***	T	+54		.09 1.89 .35 .28			•11 •14			T T •07		.53 T .12						т	.23 T .12 .58					.50		
TILO TORLAD BLUFF ORTAGEVILLE O WOETTON O WOETTON	.96 2.02 3.17 - 1.75	•1 T	66 5 644	-12		.17 .37 1.08 .19			•17 •21 •45 •20		т	•01 T		.34 .48					τ	. 01 T	.10 .02 .02	т				.50 .67	•02	
THE TOTAL OF MENES	1.66 .67 .35 .97	.0	• 37	.31		.49 .21 .21			•20 •49 •05			• 02	т	.08 .07	T T					т	† •14	т т				• 50 T		
NO SPRING AINT CHARLES A NT JOSEPH NA AP R AINT LOUIS NA AP R A NT LOUIS NA CITY R	.76 .96 1.98 .48	11.2 .0 T	2 007 3 036 8 005	•05	.08 .22 .25	.45 .63		т	.11 .05 .06 .01				.01 T	T T T		T T T			т	T •16 •04 •05	.06 .08 .02							
A WT LOUIS UNIV A WT LOUIS WASH U ALEM ALISBURY AVERTON L AND 0 22	.68 .87 .73 1.45	.1	0 .22	.03	.25	.11 .38 .13 T			•07 •03 T •04	•04				.12	т					T T T	.11 .16 .13 .65	т						
FDALTA F. IGNAN FUNDON A MARE FLEYPILLE	1.11 2.04 - .89 .83		7 1.36	.03	-	.29 - .16	-	-	- т	- •02	-	•32	-	.02 .07	-	-	- <b>.</b>	-	_	-	.23 T - .16	<u> </u>	-	-	-	-		-
VESTON CROP EXP FARM LEAN SPRINGS PO NOT TELL BY APT R TELLELLE 2 N	3.43 3.35 .91 1.43	T .2	• 26 • 42 • 57 6 • 75 5 • 17	.02	.27	1.76 1.47 .21 T			•33 •25		T T	Ť	.16 .10	•11	т	т	т	ı		T •02 •06	.01					.47 .46	T .02 T T	
versewitte	.94 1.15 .57 .66 1.23	•1	3 .05	т		.24 .27 .29 .23			.01 .01 .07	•03				*01 T	Т					т	.31 .13 .09	T						
PRET SPRINGS INVIO CARSEN 2 N PRE NOON	1.48 1.15 1.21 1.21 2.45	•1	7 .71 6 .56 4 .76	T	•19	·13			,21 ,43			•04	*02	.12		Т	т		т	.03	.67 .03					т		
ON 1 SE SIGNY LLF LLEY BARK O BURFN	.64 .63 1.81	•1	4 .11 0 .05 3 1.00 4 .06	· 03	-	.25 .31 .41 .23	-	-	.10 .04	T •08	_	-	т -	т -	T T	-		-		T -	.04 .17 .16 .09	т 	-	-	-	-		_
CO SALLLES CMY CAA AS CO WDALTA MDALTA MDALTA MDALTA MDALTA MDALTA MDALTA	1.53 .90 1.50	T .2	0 .75 5 .16 2 .21 7 1.16		- •10 •15	.20	-	-	7	•	-	*23 T	- •02	т	- T	-		-	-	-	- .09 .17		-	-	-	-	т т	-
PRAPELLO DAM  OTREMENDO T N  OTREMENDO 1  OTREMENDO 1  OTREMENDO 2	1.62 1.25 .56 1.26 1.26	.3 .0	1 .6	T	.17	.35 .16 .04 .30			•14 T			T		.28 .02 .06				7	т	T	.49 .20 .26					• 26	т	
SZLA VERLY YMESVILLE 2 W RSTER GRAVES INGARTEN	1.05 1.14 .90 .70	.1 1 .1	4 .14	7	•15 •25	.59 .19 .16 .10			.05	т	.03			T *19 T						T T	•30 •10 •12							
ST PLAINS LL TAMSVILL E LLOW SPRINGS NOSOW 5 NW LNA S E	1.00	T .4	.81	•10	+14	.22		.09	.12	т			•13 7	.02 .26 .03 .27	• 05				т	Т	.05 .13	т				•12 •15		

Table 5		F									LI		LI	AP)	-		OI I														DECE	46ER
Station		1	2	3	4	5	6	7	в	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
AOVANCE 5 ESE	MAX	59	61	62	62	63	58	57	56	56	48	51	48	48	39	42	41	28	34	40	48	50	47	25	40	51	50	51	48	48	45	49
ALBANY	MIN	57	39 58	51	42	37 52	36 46	25 55	23 51	43	46	26 43	43	30 42	30	39	23	27	46	52	28	38	20	7 26	37	12	25	45	33	23	27 37	52
YTIMA	MIN	57	52 57	57	30 46	31 51	45	34 55	32 52	23	8 47	31 45	40	33 42	35	38	35	27	45	30 52	35 46	25 46	5 28	- 4 25	37	42	43	24	20	28 43	37	52
ANGERSON 1 SW	MIN	67	51 60	61	29 58	34 53	32 51	35 65	31 63	43	14 56	26 42	47	30	39	20 45	10	6 36	48	31 54	35 57	50	46	- 2 28	39	20	21 52	51	20	53	39	57
APPLETON CITY	MAX	65	51 61	62	53	50	49	60	37 60	49	16 55	27 45	47	19	38	18	19 37	17 26	47	19	57	51	39	25	37	10	13	52	28	15	41	57
ARCADIA	MIN	55	50	60	34 58	62	58	31 58	56	28	49	3 0 4 8	50	31 50	28 45	21	42	35	40	37 42	36 50	48	45	- 1 30	35	20	50	48	30	26 45	16	55
BETHANY	MIN	56	57	59	35 56	56	45	38 56	38 52	49	30 44 3	43	42	40	36	37	33	23	10	50	32 46	35 45	30	25	38	22	32 42	48	40	28	34	50
BIRCH TREE	MAX MIN	60 21	52 55 43	49 64 47	60 37	28 60 36	26 52 35	35 60 22	31 58 36	26 52 31	51 19	25 51 30	49	33 42 20	21 41 27	21 45 14	10 42 19	3 29 5	12 39 6	31 39 24	36 59 24	50	5 44 15	- 2 28 4	40	52	26 52 20	52 21	21 49 29	30 50 15	7 45 25	18 54 14
BLACK 6 NW	MAX	59 18	57	62	62	63	57	60	57	55	53	50	50	47	43	48	43	30	38	42	54 33	51	48	27	44	52	50 17	51	50	51	41	57
BOL IVAR	MAX	64	59	63	55	54	48	63	60	52	5.5	49	45	18	36	43	39	27	42	52	60	53	47	24	38	48	48	50	25	50	42	54
BOONVILLE WATERWKS	MIN MAX MIN	30 52 28	61	51	36 64 34	41 46 34	32 51 31	36 44 30	60	28 58	25 37 25	32 55	30 41	31 42 26	27 43	30	18 40 12	14 24 6	23	35 44 13	52 37	45 58 39	10 49 11	12	16 20 - 2	26 37 20	28 41 26	31 41 28	50 30	26 38 27	21 42 15	25 32 14
8ROOKFIELO	MAX	60 28	60 49	48 64 49	61 32	54 31	47	30 58 35	56 35	35 55 29	25 55 19	29 51 26	27 44 22	26 44 33	27 40 25	19 41 20	38	26	46	54 29	55 35	51 38	41	20	37	45 19	45 24	43	46 27	43	38	52
BRUNSW ICK	MAX	62 28	60 50	63	56 34	54 34	48	59 34	57 38	52 29	55 20	46 30	44 22	33 47 34	40 26	42	37 13	24	45	55 27	56 33	50	39	19	35	41 20	42	47	40 28	41 26	37 13	51
BUTLER	MAX	62	61 52	60	52 35	51	47	58	57 42	53	54 24	51 31	44	46 33	37 28	20	39 17	28 14	46	51 34	54 38	50	42	22	37	46 23	45 27	51	41 29	44 27	41	55
BUTLER CAA AP	MAX	62	59 50	59	52 34	54 36	48	57 34	56 33	39	54 25	40	44	46 33	36 24	44	28 17	27 15	45	51 35	53 37	49	21	21	35 16	45	44 26	49	41 28	43	38	55
CAMOENTON	MAX	65	61	60	64	51 36	55	63	61 29	57 25	56 20	52 26	47	46 28	42	43	41 11	27	46	52 28	62	55	34	35	39	43	47 24	56	49	52	48	56
CAMPBELL	MAX		7,	7,	34	,,,		20				20		20																		
CANTON L AND 0 20	MAX	50 17	49 47	55	57 33	53 25	47	60	56 38	48	53 19	50 28	44	44	39 22	41 18	35 15	24 - 3	40	55 27	55 33	54		18	38	44	42 28	48	41 27	41	37 14	50
CAPE GIRARDEAU MO ST	MAX MIN	60	61	61	60	64	58	57 30	55 36	55	47 25	52 33	48	50 27	39	41	40 19	26 7	33	38 22	46	49	46 18	23	39	47 17	51 25	50	47	47 27	45	47
CAPLINGER MILLS	MAX	66 25	61	63	54 36	51 39	51	64	61	49	57 23	49	47	45 31	37 28	44	41 19	29 14	48	52 35	50 39	60	43 10	25 0	40	41 17	42 19	47	44 27	50 24	40 19	57
CARROLLTON	MAX MIN	61 26	59 50	61	54 33	53 33	46	55 32	55 37	47	52 20	45 26	42	45 31	38 26	42	35 13	23	44	53	54 34	50	35	19 -11	35 11	39 22	39 26	44	36 27	42	35 12	51
CARTHAGE	MAX MIN	67 26	61 50	60	55 36	51 44	49	65 38	61 45	51	56 27	47 28	46	42 30	39 29	45	39 21	32 20	48 18	54 35	58 43	51 43	43 10	27 6	39 17	50 26	50 23	51	44	51 29	40	56
CARUTHERSVILLE	MAX MIN	57 33	63 41	63	61	65 40	62	59 31	60 39	58 40	51 28	48 35	52 37	57 30	48 32	43	43 28	34 20	37 15	47 24	57 32	50 39	48	30 13	40	48	58 24	52	49 39	50 32	48 33	48
CHARLESTON	MAX MIN	59 26	61 42	62	60 47	66 38	60	58 32		58 37	50 27	51 34	50 33	51 29	39 32	42	38 24	27 11	35 10	42	50 33	50 39	47 23	27 10	40 12	46 20	52 25	51 26	46 37	50 29	44 28	48
CHILLICOTHE RADIO KCHI	MAX MIN	60 23	60 52	60 50	61 26	53 29	48	57 36	55 31	53	52 9	48 25	43	42 30	38 25	40	37 12	25	45 6	55 33	54 36	47 36	37 8	19 - 8	37 13	43 16	43 29	45	41 26	44 28	38 11	52 15
CLEARWATER DAM	MAX MIN	60 22	59 41	67	62 40	62 33	53 38	60 20	58 37	54 35	51 21	52 28	48	47 19	40 29	46 15	45 20	31 9	38	43	51 30	53	48 19	25 6	41	50 15	50 19	5 2 2 0	50 30	47 16	46 24	55 14
CLINTON 1 NNW	MAX MIN																								}							
COLUMBIA WB AIRPORT	MAX MIN	61 32	55 48	66 44	47 35	53 43	45	62 33	59 43	48	56 22	44 34	46	44 35		43 19	27 11	25 7	45	54 30	59 39	51 31		18 - 3	40 15	43 26	43 29	53 30	38 26	45 25	34 18	57 24
CONCEPTION	MAX	57 29	58 47	55 46	55 27	50 33	46 25	55 34	51 33	45	48 17	48 29	43	42 32	36 20	38	38 10	29 6	46 13	52 31	50 36	47 27	29 2	27 - 2	48 19	45 24	43 25	44 25	41 16	41 28	33 5	52 23
CRYSTAL CITY 1 N	MAX MIN	58 20	55 41	62	60 41	64 34	60 35	63 25	61 40	55 32	54 21	46 27	47 32	45 23	42	44	41 17	26 7	40	47 22	56 37	53 41	51 16	31	46	50 23	48	55 19	42 26	58 16	46 29	58
00N IPHAN	MAX	64 21	65 43	65 50	62 41	65 34	55 37	62 20	57 39	56 36	50 20	48 27	55 22	55 21	39 30	48	44 20	33 10	3 8 6	49 25	57 31	49 42	47 19	31 8	43	56 7	55 17	52 19	48 33	52 20	45 25	54
EDGERTON	MAX MIN	59 26	5 8 5 2	58 52	52 30		46	56 35	54 34	47	53 16	45 27	44	46 32	37 24	43	36 13	28 7	48 13	55 33	48 36	48 31	31 5	26 -10	37 16	41	45 25	46	41 20	44 27	36 9	56
ELOON	MAX MIN	64 21	59 47	65 50	59 37	56 37	47	62 35	58 41	53 28	55 24	48	47 28	47 34	38 26	44 19	37 14	26 6	46 12	52 34	60 41	55 46	48 12	25 - 1	40 15	50	48 30	57 28	49 28	50 24	38 17	57 25
ELSBERRY	MAX MIN	56 19	55 25	52 46	60 39	49 28	53 33	42 29	63 35	57 39	42 21	56 23	49 32	45 25	45 30	32 17	44	26 3	22	41 5	53 30	59 34	57 17	- 18 - 1	21	45 20	45 30	46 19	59 25	49 21	52 21	33
FARMINGTON	MAX MIN		57 43	60	60 39	62 36	53	60 29	57 37	53 31	50 24	49 32	49 32	43 25	42 26	43	41	25 4	37 4	43	53 34	49	47 13	24 3	42	50 22	48 30	49	46 29	47 24	49 29	55
FARMINGTON CAA AP	MAX MIN	58 20	57 45	60	56 34	62 38	53	59 31	57 38	50 31	49	49 31	47	43 22	37	43	30 13	24	3 <b>5</b>	41	52 35	49	45 9	24	42 9	49 18	47 17	49 18	45 20	45	39 23	55
FAYETTE	MAX MIN	62 27	57 48	66	58 33	53	47	61	59 37	51 29	57 19	46	44	45	40	43	34 10	23	45 5	54 27	59 33	53 39	40 8	- <sup>23</sup>	37 13	44 23	43 28	51 23	41	46 23	38 12	54 20
FOUNTAIN GROVE WILDLIFE	MAX	61	60 51	62	60 32	47	46	55 35	63	53 28	53 15	52 23	44	43	41 25	41	37 9	25 1	48	51 29	55 34	52 39	41 8	18 -10	37 12	43 20	43 27	45	45 27	47 26	34 12	51 11
FULTON 4 SW	MAX	55	61	53	64	49	56 32	43	61	5 B	43	56 23	45 29	46	45	31 18	43	26 4	24	44	52 34	59 36	50 13	15 - 4	20 - 4	39 17	45 26	45	56 28	40	48 21	35
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Table 5-Continued																													DI	ECEME		_
Station					-		- 1								D	Day	Of 1	Month	<u> </u>		_	_					_	-				Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19 2	20 2	21	22 23	24	25	26	27 2	28	29 3	30 3	31	Av
GRANT CITY	MAX MIN	56 29	57 45	57 46	46 28	50 25	45 26	53 34		43	45 13	42 29	43	40 32	35 20	38 18	28 9					38 24	24 20 3 - 2	39 20	45 28			41 18	41 25			42.3 22.2
GREENVILLE 4 MNW	MAX NIN	61 21	61 39	64	63 43	64 30	57 41	60 22		55 36	51 22	49 26	50 28	42 28	38 32	47	44 22	30 9					50 29 21 8	43 5	53 9	52 17		48 34				50 • 0 24 • 6
HANNIBAL WATERWORKS	MAX	53 22	52	61	53 33	55 30	45	59 34	57 41	47	52 20	41 32	43	44	36 19	41	24 6	18			55 39	54 32	32 16 4 - 6	38 15	40 22	42 28		37 29				44.0 24.0
HARRISONVILLE	MAX	59 34	64 51	64	50 31	51 42	49	49 34		47	53 24	45 30	45	46 34	36 25	43	36 15					51 32	32 27 5	39	45 23			41 25	38 13			46 • 0 28 • 0
HERW IT AGE	MAX	65 15	61	66	58	56 31	48	64 33		55	57 16	51 16	47	46 23	42 24	43	40 12	30 3				53 34	47 25 9 - 8	40	49 19	49 17		45 21	51 15			50.3 21.6
HOUSTON	MAX	62	54 45	64	57 41	51 34	59	62 32		51	53 33	50 33	48	43 33	36 26	43	40 17					57 37	45 27 9 3	40	49 23			43 27				49•1 27•1
JACKSON	MAX	61 24	61 43	61	61	66 39	57			54	48 26	48 32	48	45 24		42	40 21	27 10		39 23		51 39	47 25 20 9	40	51 17	52 20		46 35				48.3 26.9
JEFF CITY RADIO KWOS	MAX	63 22	57 49	66	60 37	57 33	47	63 32	60 42	53	57 23	47 25	47	47 29	40 27	44	37 15	25 5					47 22 10 - 1	40 12	48 28	46 32		42 27				49.4 26.1
JOPLIN CAA AP	MAX NIN	65 38	58 53	59	54 38	53 39	49			41	55 28	44 35	45	42 34		43	34 23					50 24	24 26 9 7	38 19	49 26	50 30		43 29				47 • 2 30 • 6
KANSAS CITY WE APT	NAX MIN	59 37	58 53	58 36	48 33	54 34	48	56 41	54 40	40	55 29	44 31	45	45 34		42	27 19	26 13				46 18	18 25 7 3	37 22	44 24	42 30		39 25				44.3 27.8
E C UNIV OF K C	NAX MIN	56 31	56 51	56	46 31	51 39	46	54 30		52	53 26	47 29	42	43 35		40	35 17					45	30 21 6 0	34 16	42 26			38 22				43.6 26.5
KEWMETT RADIO KBOA	NAX NIN	56 28	64 41	65	63 45	64 38	61			58	51 27	49 34	52			46	43 27						42 26 26 12	39 9	47 16	52 22		48 36				50 • 6 29 • 5
K100€R	NAX																															
KIRKSVILLE RADIO KIRX	NAX NIN	55 22	55 47	63	53 26	49 26	45	56 26	55 30	45	51 16	45 29	42	43 32	36 21	38	30 7	21 - 2	42	52 32	53 4 37	42	11 18 6 - 6	34 8	41 29			35 23	40 28	30 8		42.3 21.8
CIRCSVILLE CAA AP	NAX NIN	55 23	56 46	63	44 27	47 33	43			42	52 13	40 26	42	43 31		37		21 - 1			53 36	47 22 -	23 16 3 - 9	.34 15	41 19	41 22		35 25		29 11		41.6 20.5
KOSHKOWONG	NAX NIN	61 34	61	62 48	62 48	62 41	56 38			54 34	49 24	49 35	48	45 28		46	35 22	35 12				48	48 30 21 7	41 14	49 19	50 30		48 32				49.0 29.0
LAKES 10€	MAX	58 21	65 21	55 49	65 39	54 35	56 34			60 38	39 25	57 25	48	48 30		35	45 17	30 7	29			62	53 16 15 4	25 5	41 25	50 28		58 27		53 20		48.2 24.7
LAMAR	MAX NIN	59 28	68	55 48	60 33	54 35	58 32		64 39	59	40 25	54 28	47	48 25	43 24	45	41 15	35 17	30			57 34	50 26 7 3	25 4	33 19	50 22		51 28				47.9 25.2
LATHROP 3 SW	NAX NIN	57 30	55 51	58	45 30	51 40	46			41	52 18	45 18	44	44		41	30 13					45 31	32 23 4 - 3	35 16	43 21	41 26	44	37 20	40 27			43.5 23.9
LEBANON 1 ENE	NAX NIN	62 27	55 47	6÷ 50	56 35	55 36	48	62		52	54 23	52 32	47	44		41	36 15	28	45			53	45 26 10 0	33 14	48 28	48 28	51	42 29	52 27			48.6 27.5
EX INGTON	NAX MIN	53 31	61 32	54	60 32	48 33	54	46 31		55 31	31 26	53 30	39	43 25	43	33	43 15	26 9	24			54 38	47 12 9 0	22	37 21	41 24	41	42 26			33 12	42.8 24.1
LICKING AN	NAX NIM	56 31	60 36	55	62 37	53 35	57			58	38 22	52 27	50 30	47 25	43 28	29	42 16	28 6				56 39	48 17 14 0	25 5	42 21	48 20		51 24	43 20			45.7 24.7
POCK A000	NAX MIN	67 30	61 50	62	54 36	51 42	49			51 29	55 27	47 31	46	43 32	37 30	43	35 18					50	44 26 11 4	38 15	50 25	49 25		46 26				49 • 2 29 • 4
LOUISIANA STARKS NUR	MAX NÎN	54 15	51 46	61	58 36	53 27	47	63 31		49	54 20	46 28	46	44		44			41		59 ! 38	54	46 18 10 - 4	40	43 25	44 32	54 18	50	47 24	39 20		47.3 23.3
MACON	NAX NIN	53 21	56 23	53	64 29	43 26	53		58 32	56 32	37 17	53 22	42	42 19	45	29					52 32	54 35	51 13 6 -10	20	35 15	40 18	41	45 24		39 13		42.3 18.4
MALDEN CAA AP	NAX NIN	58 28	62 39	64	59 43	64 36	58 33			57 36	49 26	49 31	51			45	37 19	29 12			55 29	50 39	47 28 16 10	40 11	48 13	51 28		46 30	51 27			49.4 27.1
MARGLE NILL	NAX NIN	60 19	61 40	62	62 45	64	60	59	55	55	50	48	51	50	40	45	42	31	35	42 20	49	50 39	50 30 20 7	42	54 9	53 12	51 11	48 36	48 11			49.8
MARSHALL	NAX NIN																															
MARSHFIELD	MAX NIN	60 31				55 45	50	61 33	60 40	55	52 23	52 34	48	45 27	40	42	37 17	26 12	42	46 28	5 <sup>'7</sup>	50	47 23 10 3	37 13	45 24	45 28	49		50 25			48.0 27.4
MRYVILLE	NAX NIN	55 31		55	49	49		53			45 11	39	41	42	31	37	29 10	25	43	48	45		25 30 3 - 2	38	45 21	43	43	41 16	39	35	50	41.9 21.6
ÆMPM1S	MAX		54 23	54	63	40	50	40 28			32	50	38	44	43	27		21 <b>-</b> 2 -	21	43	53	53	9 - 5		40	44	42	44		40	31	40.7
4Ex ICO	MAX	56 25	60	52	64	47	54	42	61	58	39 22	55	44	45		31		26		43	53	58	55 15 13 = 5	19	39 19	43	44	54	39	47	35	44 · 8 22 • 5
COBERLY RADIO KNCH	MAX	59 25	53 48	64	55 32	52	44	61		49		45	42	45	38	41	32 10	22	44	53		52		38		40	47	39		35	54	45.7
4CMETY	MAX	58	65	56		63	64	64	62	60	48		48	46	41	42 28	44		41		48		47 20 10 6				49	51		50	39	50.1
CUNTAIN GROVE 2 N	MAX	61	60		58 35	57	51	60	56	57		49	46	45	39	42	41 18	28	40		55	51	46 26 12 4	39 13	48	49	50		51	50	54	48.8
COUNT VERNOM 3 SW	NAX	66 26	60	60	54 35	54	49	61	60	50		44	45	44	35	43	36 21	28 21		54	58	49	44 24 11 6	37	48	49 26	50	42		38	55	48.0
€0SHD	MAX	66 27			57 35		53	65	63	57	56	51	47	45		44	42 23	37	48	53		53	46 29 13 6	44	51 17		51	49	53	45	57	51.2
#EVADA	MAX	65	58 53	61	54		60	62	59	54	56	50	46	46	39	45	38		47	50		54	45 27 11 2	40	49	49	47	44	47 29	40	57	49.4
MEN FLORENCE	NAX MIN			- 6			- 1	37 62			54				29 38 25	- 1	33 11		- 1			- 1	46 20 8 - 4	38	45		57	40	50	36	56	47.1
	-1M	33	4/	49	31	30	30	23	-1	30	21	51	21	32	25	15			1	50	,,	-0	•	12	20	23	- 1	20	20		- 4	2001

Table 5-Continued									ע	A.	LLI	1	C IA	IFI	CR	WI.	Un	LES												D	ECEMBI	ER J	
Station		Ĺ.,														Day	Of	Mont	ь														prage
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 3	31	Ave
OREGON	XAM NIM	56 33	56 44	53 43	44 28	50 35	46 27	53 34	47 35	40 23	48 20	45 29	42 20	42 26	34 22	38 22	33 12	26 10	16	52 28	47 37	46	21	- <sup>26</sup>	37 20	46 24	43 26	42 29	40 19	34 17	38 5	52 25	42
OZARK BEACH	MAX	63 23	69 23	59 48	67 39	60 35	59 37	54 23	66 24	65 30	21	58 21	49	54 22	50 27	52 22	50 18	43 19	36 12	52 14	55 34	62	52 19	24	32 5	44	56 18	55 19	55 27	49 16	56 4 16 1	46	52 72
PERRYVILLE	MAX MIN	59 22	59 42	62 46	62 42	65 33	55 36	59 28	55 34	55 33	49 21	46 29	48 32	43 24	43 29	43 18	44 18	26 5	35	41 24	50 30	51 37	47 17	24 5	42 8	52 19	50 26	50 19	49	44 20	42 9	52	48
POPLAR BLUFF	MAX MIN	62 24	61 39	64 49	65 46	61 35	64 45	58 25	61 35	58	55 24	52 28	49 35	54 24	53 34	40	46 25	43 12	32	38 19	43 27	52 40	49 33	47 10	29	40 16	56 21	55 19	53 34	53 21		45	51 26
PORTAGEVILLE	MAX	57 28	62 41	64 51	62 46	65 38	62 43	58 32	61 39	57 3 <b>9</b>	49 27	49 34	58 33	50 30	50 32	43	43 26	32 16	34 13	47 23	56 30	49 38	48 26	39 12	39 9	47 18	51 26	52 29	45 35	52 30	48 4		50 29
PRINCETON	MAX	57 20	58 50	60 49	58 29	51 27	47 28	56 35	55 27	53 21	47 - 2	45 16	41	52 29	55 22	38	35 7	24	44	50 29	49 36	47 31	31 4	26 - 5	38 14	44	45 26	44	56 23	40 28		51	46
ROLLA SCH OF MINES	MAX	57 26	60 35	56 45	63 37	53 37	59 33	46 32	62 41	59 36	39 23	56 30	49 30	47 31	45 26	29 13	42 15	27 6	25	43 22	48 38	58 42	49 14	14	23	40	48 32	47	53 28	40		38	46 25
SAINT CHARLES	MAX MIN	55 25	53 47	5 <b>9</b> 50	61 42	61 37	57. 34	65 30	60 40	55 33	55 25	50 29	47 33	45 31	42 28	42	41 16	24 5	39	52 29	57 36	52 42	51 17	21	43	50 32	50 32	55	47 29	54 23			49
SAINT JOSEPH WB APT	MAX MIN	58 34	57 48	57 32	46 30	52 33	47	55 32	5 2 30	36 19	52 21	39 24	45	43 33	33 24	40	26 14	30 11	48	54 32	49 38	45	17 5	29 - 1	39 22	47 15	44 25	44	41	42 17		52	43
SAINT LOUIS WB APT	MAX MIN	55 29	53 47	60	59 41	60 41	52 34	63	57 42	51 32	52 25	49 33	46	45 35	36 23	43	28 12	22 6	37 10	49 29	56 36	50	40	21	42	48 31	47 28	56	38 28	52 26			47 28
SAINT LOUIS WB CITY	MAX MIN	55 35	54 47	60	58 43	61 43	52 34	63 37	59 45	52 33	51 28	50 35	45	44 34	35 25	44	30 15	21	39 15	46 30	55 38	53	41	23 5	20	48	46 36	54 31	42 31	55 29		57	47 30
SAINT LOUIS UNIV	MAX	55 36	55 47	61 48	60 41	61 43	52 33	62 36	58 43	53	50 28	49 34	46	45 34	41 28	23	38 16	21	36 14	47 30	55 38	51	50 14	21	44	48 32	48 36	5 5 3 2	46 33	54 29		57	48
SAINT LOUIS WASH U	MAX MIN	55 29	54 33	55 46	61 43	51 39	60 38	39 32	62 37	57	43 26	50 27	49	45 32	45 33	34	43 16	25 8	20	35 12	48	55 38	51 21	22	23	40	46 32	45	55 31	38 23	52 3 26 3	35	44
SALEM	MAX MIN	58 23	60 37	55 42	61 38	53 40	59 35	43 29	60 35	5 <b>7</b> 3 <b>7</b>	39 23	55 31	56 29	47 27	43 28	30	42 16	29 8	27 8	43 10	43 32	55 36	48 16	19 3	25	40 16	49 28	48	50 26	42 23	54 4	40	46
SAL I SBURY	MAX MIN	61 26	5 8 4 9	64 48	57 33	52 32	47	59 36	5 8 3 6	50	54 20	48 30	44	45 35	38 24	42 18	34 10	25 4	45	53 32	55 36	53 33	35 10	18	36 10	42 23	42 27	48	37 28	41		52	46 24
SAVERTON L AND 0 22	MAX MIN	50 25	53 46	61	59 37	55 33	48	61. 37	58 44	50	52 23	49 39	45 27	44 31	42 27	42	37 12	23	40	54 32	56 41	55 43	44 12	18	40	44	43 33	54	45 31	47 29		-10	47 27
SEOALIA	MAX	64 31	61 50	64 50	5 B 33	54 40	47	60 36	60 46	55	56 25	50 32	44	45 34	39 25	43	39 13	25 9	45	53 35	58 39	57 43	43 9	18 - 3	35 13	42 23	43 28	50 29	39 28	43 28	39 5 15	53	47 27
SELIGMAN	MAX MIN	66 38	63 37	60 37	35	65	52 32	61 38	60	55		54 28	49	43	36 28	43	40 22	34 20	44	53 36	56 40	52	44	26 5	37 15		51 20	49	45 25	53 28		53	49
SEYMOUR 4 NNE	MAX MIN																																
SHEL81NA	MAX MIN	57 20	55 47	64	60 33	55 26	48	60 32	58 33	55	55 19	50 26	43	45 32	39 25	40	35 9	21	42	53 29	55 36	53 40	43 10	. 15 - 9	37 8	40	41 26	43	39 26	40 27		52 18	46 22
SIKESTON	MAX MIN	60 27	61 30	61	62 46	58 39	65	49 32	58 33	5 B 3 B	56 26	49 27	50 32	48 30	53 32	38 21	43 21	33 12	28	35 12	42 29	50 37	48 37	38 10	25	39 14	48 20	52 27	51 33	45 30		41	48 27
SIKESTON CROP EXP FARM	MAX MIN	58 26	60 39	62 50	61 45	6.5 3.6	59 36	56 31	57 38	55	47 26	48 31	47	51 28	39 31	41 22	40 23	27 12	32 12	41 22	50 32	47 37	46 22	25 10	37	45 16	51 24	48	44 36	50 29	46 4		47 28
SPRINGFIELO WB APT	MAX MIN	62 30	53 47	62 39	53 36	54 43	46 32	62 33	61 37	38	54 25	46 34	44	43 29	32 24	42	29 20	26 16	46	51 34	59 40	49 27	27 8	24 5	38 13	47 25	48 27	49	41 27	51 25		53 23	46 27
STEFFENVILLE	MAX MIN	55 20	54 47	63 46	61 33	56 30	45	59 33	57 34	54	54 18	49 29	43	46 32	39 22	41	35 8	20 <b>-</b> 2	41	54 29	55 36	52 40	41 9	15 - 7	36 9	41 - 20	41 28	46	41 28	39 27			45 23
SWEET SPRINGS	MAX	65 21	60 50	64	55 33	54 33	47	60 34	59 41	49	56 21	46 26	46	46 32	39 26	44	34 12	26 4	46 8	55 34	57 35	54 36	36 7	22 - 8	39	46 22	44 25	49	40 28	44 27			47 24
TARK 10	MAX MIN	57 31	58 42	54 42	50 27	52 32	49	56 34	49 28	38	47 16	43 27	47	40 34	38 21	39 21	34 11	30 7	49	52 29	47 34	46	25 4	32 2	44	52 26	40 25	45	45 16	40 21			44
TRENTON	MAX MIN		57 33		57 30	5 5 3 4	46		53 37			40 28			36 25		35 11	25 5			47 36	51	22 7		39 15	44 27	44 29	46 25	49 24		35 5 10 2	52	45 24
UNION 1 SE	MAX MIN	60 19	54 47	6 <i>2</i> 50	61 36	63 30	51 33	63 26	59 40	53	54 21	48 23	46 31	45 22	42 27	44	40 15	23 2	41	48 28	57 35	52 44	49 14	21	46	47 25	46 27	57 17	47 26	52 15		56 15	49 24
UNIONVILLE	MAX MIN		55 48	60	52 29	50 29	44	54 33	51 33	45	45 9	41 28	41	40	36 21			19 - 1	41	44 34	47 35	46 31			34	40	40 26	41	38 23		31 4 7 2		41 22
VANDALIA	MAX MIN												1																				
VERSAILLES	MAX MIN		59 47	65 48		55 37	48	61 31	57 40	51 32	51 24	47 32	46	46 29	41	33 19	42 25	31 15	27	42 11	47 32	60 37	52 8	23 6	39 18	47	46 29	51 33	44 31				47 26
VICHY CAA AP	MAX MIN	60 29	55 46	62 50	53 38	59 44	48	62	59 42	51	54 23	47	45	45	34 21	42	26 13	25 6	43	48 30	57 38	50	40	25	40	4 B 27	47 29	54 30	39 29				47 27
WAPPAPELLO OAM	MAX MIN	60 28	59	62	62	58 38	62	47	59 37	56 41	47 26	49 28	49	48		35	44	33 12	28	35 17	41	49 33	50 27	29 9	27	39 16	52 24	50	51 31			41	47 27
WARRENSBURG C T C	MAX MIN	62 33.		61	54 35	54 40	48		57 43	50	53 27	50 33	43	46 35	39 27	44	37 17	25 12	44	53 35	55 37	50	40 10	19	35 15	42 25	42 28	48	39 28				46 29
WARRENTON 1 N	MAX MIN	56	53 47	61	59	56 36	50	62	58 40	55	55 21	49	47	43	41	42	31 12	22	42	53 29	58 35	55	48 10		42	48	46 31	58 26	50 28	51 25			48
WARSAW NO 1	MAX MIN	68 21	60 50	66 49	57	54 36	48	64	61	47	57 23	49	47	48	40 28	44	39 15	29 7	48	52 35	62 37	54	44	22 - 5	40	47 27	47 27	55	44			57	49
WASOLA	MAX	65	56		65	64	56	62	60	55	56 23	52	51 33	44	39	46	41	31 14	46		57 35	54	47 12	33	43	53 29	54 29	51 32	48	54	45 5	58	51 28
WAYNESVILLE 2 W	MAX	65	59	65	67	59 31	52	64	62	58	59 16	54	50	47 21	42	45	40	30	46	48	60	53	50 13	28	42	53	52	53	47 25	58	53 5	58	52 24
WERSTER GROVES	MAX		54		59	62	52		58	51	52	49	46	46	41 23		37 14	21	37	49	56	54	45 12	77	43	47	46	55	44 28		37 5	57	48 26
	1				,,	-		-0		-	- 3		-4	-3	- 3				1			-			1			1					

	MELL COND	EMIT DO
DAILY	TEMPER	ATURES

MISSOURI OECEMBER 1953

Se 3 - Continued											_	_		_																			
																Day	Of	Mont	th														Page
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
NGARTEN	MAX M1N	58 27	57 45	62 49	59 43	63	58 39	60	57 39	54 31	50 24		49	47 30	41 28	43	40 17	24	38 7	42 26		53 40	48 13	24	42 11			50 29		48	41 29	56 28	48.7 28.3
T PLAINS	MAX MIN	63	53 45	85 49	57 38	62 39	52 27	60 24	58 32	52 31	54 23	51 29	49 25	42 28	35 23	46	35 18	32 11	40 12		55 28	48 42	45 11	29 7	41 10		52 25	51 25		50 18	43 26	58 21	49.0 25.0
LOW SPRINGS	MAX MIN	56	54 44								53 21		47 34	44 24	39 27	45 15	<b>39</b> 20	30 8	41 10			50 25	14	28 5	40 8					53 16	42 24	55 18	48 • 1 20 • 5
DSOR 3 NW	MAX MIN	64 34	60	62 51	53 35	52 39	46 31	59 32	58 42	49 28	55 23			45 34	34 25	42 20	34 15	27 9	45 15			51 39		- 18 - 1	34 13						39 14	54 23	46.5 27.1

## DAILY SOIL TEMPERATURES

																Day	of mo	nth															e.Dre.
DEPTH	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
													CONC	EPTI	ON																		
NCH	6P:4	45	50	52	41	44	1	44	43	22	38	39	37	37	33	33	32	32	32	33	37	36			32	32	32	32	33	32	32	32	34.5
NCHE5	6РМ	44	50	50	42	44	41	44	43	24	38	39	37	38	35	35	34	33	32	33	35	37	24	33	32	33	33	33	34	34	33	33	36.5
NCHE5	6РМ	43	49	50	45	45	43	44	43	39	40	40	39	39	38	37	36	35	35	35	36	38	37	34	35	35	35	35	35	35	35	34	38.7
NCHE5	6РМ	46	48	49	48	47	46	45	45	41	43	43	42	41	40	40	40	35	38	38	39	39	39	38	38	38	36	38	38	37	37	37	40.9
NCHE5	6РМ	51	51	51	52	51	51	50	50	45	49	48	48	47	47	46	46	38	45	48	44	41	44	44	43	43	43	43	43	43	43	42	46.1
NCHE5	6РМ	56	56	56	56	55	55	55	55	50	55	54	54	54	53	53	53	52	52	52	51	52	52	51	50	50	50	50	50	50	49	49	52.6
NCHE5	6РМ	58	57	58	57	57	56	56	56	50	56	56	55	55	55	55	54	54	54	54	53	54	53	53	52	52	52	52	52	52	- 52	51	54.2

#### SIKESTON CROP EXP. FARM

NCH	5PM	48	51	57	48	52	41	45	48	42	41	43	41	41	36	36	32	31	32	32	34	42	33	29	32	32	32	33	37	42	37	38	39.3
NCHE5	5РМ	49	52	56	50	52	45	47	48	46	43	43	44	42	38	36	34	32	31	31	32	41	36	32	31	31	32	32	38	42	39	39	40.1
NCHE5	5PM	48	50	53	51	50	48	47	47	49	44	43	45	43	40	37	36	34	32	32	33	38	39	34	32	32	32	32	37	40	38	37	40.4
NCHE5	5PM	45	47	50	51	49	49	46	46	49	45	44	45	44	42	39	38	37	35	35	35	37	40	37	35	34	34	34	36	37	38	37	41.0
NCHE5	5PM	49	49	49	52	52	52	51	50	50	50	48	48	47	47	46	45	44	42	42	41	41	42	42	41	40	40	40	40	40	40	40	45.2
NCHE5	5РМ	55	55	55	-55	55	55	55	55	55	55	54	54	54	53	53	52	52	51	50	50	50	49	49	49	48	48	48	47	47	47	47	51.7
NCHE5	5PM	59	59	59	58	58	58	58	58	57	57	57	57	57	56	56	56	55	55	55	54	54	54	53	53	53	52	52	52	52	51	51	55.4

## EVAPORATION AND WIND

Pa-M -																:	Day o	f mor	ath														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
IDE	EVAP WINO	.08	.13	.01	.21	.10	.03	.04	·14 82	.08	.04 128	.06	.04		.04		* 112	# 40			.02	.01	* 92	*	* 61	* 99	* 58		• <b>2</b> 5		* 84		1.65

C4																Day	of m	onth													
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
AMITY	SNOWFALL SN ON GND				T		T T			7.0	1.0 B	4	3	3	T 3	3	T 3	3	3	Т	Т	Т	4.5	5	4	2	Т	T	т	7	,
BETHANY	SNOWFALL SN ON GND									3.0		4	2	2	2	1	1	1	1	T		1.0	1.0	2	2	1	1	1	1	,	T
BIRCH TREE	SNOWFALL SN ON GND														T								Т			-	-				ľ
BOL I VAR	SNOWFALL SN ON GND													T	0.2 T								0.3	Т							
BUTLER CAA AP	SNOWFALL SN ON GND						Т			Т		Т			T							1.1	0.3	1	1	1	T	T	T	T	Т.
CAPE GIRARDEAU MO STATE	SNOWFALL SN ON GND													Т	Ŧ																
CASSVILLE	SNOWFALL SN ON GND														0.3	Т							0.4 T	T	T	T					
ENTERVILLE	SNOWFALL SN ON GND														T	Ť								Т							
CHILLICOTHE K C H I	SNOWFALL SN ON GND									4.0	т	Т	Т									Т	5.7	4	3	2	1	1	Т	Т	Т
COLUMBIA WB AP	SNOWFALL SN ON GND WTR EOUIV									Т				Т	Т							0.4	2.5	3	3	1	Т	Т	Т	Т	
FARMINGTON	SNOWFALL SN ON GNO										T				T	Т								T							
GRANT CITY	SNOWFALL SN ON GNO									1.0 T	Т											2.0	т	Т	T	Т	Т	Т	т	Т	Т
GREGORY LANGING	SNOWFALL SN ON GND										Т												3.5	T 3	2	1	Т				
HANNIBAL WTR WKS	SNOWFALL SN ON GNO																					Ť	3.0	1	т	Т	Т				
JEFFERSON CITY RADIO KWOS	SNOWFALL SN ON GND										Т				Ť								0.4 T	т	т						
JOPLIN CAA AP	SNOWFALL SN ON GND									Т		т			Т							Т	T	т	Т						
CANSAS CITY WB AP	SNOWFALL SN ON GND WTR EOUIV			Т	Т	Т	Т			0.B T	Т				T T		T					6.0	2.0 B 0.7	T 7 0.6	.6	5 0.5	20.2	1	Т	Т	Т
IRKSVILLE CAA AP	SNOWFALL SN ON GNO						т			1.0	1			Т	T							4.B	6.0	В	7	5	3	2	1		
AKESIDE	SNOWFALL SN ON GND										Т																				
AMAR	SNOWFALL SN ON GND																							1.0	-						
.EXINGTON	SNOWFALL SN ON GND								Т	Т					Т			Т					5.0	5	5	5	4	3	2	1	T
.ICK ING	SNOWFALL SN ON GND														T T	T T							T						·		
OUISIANA	SNOWFALL SN ON GND										Т												3.0	T 3	3	2	1	Т	Т		
UCERNE	SNOWFALL SN ON GND										3.0	2	1	1	1	1	1	1	т				1.0	1	1	1	т	Т	т		
MALDEN CAA AP	SNOWFALL SN ON GNO														Т																
EXICO	SNOWFALL SN ON GND														T								3.3	3	3	2	1	Т	Т		
OUNTAIN GROVE	SNOWFALL SN ON GND														0.4 T	Т							T T	т							
EW FLORENCE	SNOWFALL SN ON GND									Т					Т	Т							1.0	1	Т						
REGON	SNOWFALL SN ON GND									-					Ť			Т					2.0	2	2	2	1	1	T	Т	
	SNOWFALL SN ON GND WTR EOUIV									0.6 T	Т				T		Т					1.6	0.B 2 0.2	2 0.2	2	2	т	Т	Т	T	
T LOUIS WB AP	SNOWFALL SN ON GND									Т					Т		Т						T T	т	Т						
	SNOWFALL SN ON GND									Т					т		T						T								
AL ISBURY	SNOWFALL SN ON GND									T T													6.0	6	5	3	2	1	1	1	I
HELBINA	SNOWFALL SN ON GND										т												3.5	3	3	2	2	1	Т		
	SNOWFALL SN ON GND														Т																
PRINGFIELD W8 AP	SNOWFALL SN ON GND									Т				0.4	0.3	Т		Ť				т	0.2 T	Т	T						Т
ULL IVAN	SNOWFALL SN ON GND																						T								
WEET SPRINGS	SNOWFALL SN ON GND									Т				т .	ī							Ţ	B.2	5	4	3	1	1	Т	Т	

## SNOWFALL AND SNOW ON GROUND

MISSOURI OECEMBER 1953

Table 7 -CONTINUED																																
																Day	of m	onth														
Statio	a	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
TARK O	SNOWFALL SN ON GNO				Т					3.5	1	1	1	т	т	Т	T	Т				0.5	0.5 T	т	Т	Т	Т	Т	Т			
W Y	SNOWFALL SN ON GNO																						T									
V LHY CAA AP	SNOWFALL SN ON GNO									Т				Т	T T								0.9	1								
APPAPELLO DAM	SNOWFALL SN ON GNO												т																			
JARSAW NO 1	SNOWFALL SN ON GNO																						1.0	_	-	-	_					
AME VILLE	SNOWFALL SN ON GNO														2.0 T								2.0	ī	т							
R T PLAINS	SNOWFALL SN ON GNO													Т	Т																	
NO SOR	SNOWFALL SN ON GNO										Т				T								2.0	2	2	2	1	Т.	,			

TABLE 2

				Tem	perat	ure										P	recip	itation				
										1	Vo. o	Day	4					Snow.	Sleet, H	lati	No	of De
Station	um nm	. 8	0	ure					Days	M	n.K.	М	in.		ormal	at Day			hou		More	More
	Āverage Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree	90° or Above	38° or Below	32° or Below	Delow	Total	Departure From Normal	Greates	Date	Total	Max. Depth on Ground	Date	.01 or 1	.50 Oc. 2
JUNE 1953																						Ü
SOUTHEASTERN DIVISION PORTAGEVILLE	96.2	71.6	83.9		104	20	58	3	0	27	0	0	0	1.70		.65	30	.0	0		5	2
JULY 1953 PORTAGEVILLE	92.2	70.4	81.3		98	2+	59	11	0	21	0	0	0	2.63		1.67	4	.0	0		9	1
AUGUST 1953 8IRCH TREE	92.8M	60.7M	76.8M	7	103	15	51	20	0		0	0	0	.95	-3.81	.71	1	.0	0		2	1
SEPTEM8ER 1953 PORTAGEVILLE	90.6	57.4	74.0		102	1	43	22	7	20	0	0	0	.14		.12	19	.0	0		2	0
OCTOBER 1953 PORTAGEVILLE	79.0	48.3	63.7		95	1	33	30	126	3	0	0	0	2.44		1.00	26	.0	0		4	3

## DAILY PRECIPITATION

		e	

On a Committee	Total													Da	y of m	onth																
Station	To	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
NOVEMBER 1952 AVA RANGER STATION	E4.43									. 56	.02								.58						.22	1.80	1.10			E.15		
JUNE 1953 PORTAGEVILLE	1.70					Т		.08							. 55									Ţ			.40			.02	. 65	
JULY 1953 PORTAGEVILLE	2.63	т			1.67		.10	.05	.25	т			.05	т			.11	.16		.12	.12	Т										
AUGUST 1953 BIRCH TREE EAST END	.95	.71				.98								.90									.24									
SEPTEMBER 1953 PORTAGEVILLE	.14		т		.02						т									.12												
OCTOBER 1953 PORTAGEVILLE	2.44					.82																					1.00	- 50	.12	Т		

## Table 5

## DAILY TEMPERATURES

0																Day	of me	onth															- DV
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
JUNE 1953 PORTAGEVILLE	MAX MIN	96 73	86 59	89 58	92 67	93 68	94 74	93 68	98 76		101 76	100 75	98 68	98 68	95 69	96 70	99 78	98 71	100	100	104 79	102 78	98 66	98 74	99 71	96 79			93 74	88 75	96 75		96 71
JULY 1953 PORTAGEVILLE	MAX MIN	96 76	98 77	97 76	95 70	97 77	98 79	88 - 74	92 71	89 69	85 60	86 59	88 63	88	88 64	90 65	86 70	88 72	94 70	94 72	92	85 74	90 73	90 70	92 67	94	96 68		97 71	96 70	96 76	96 75	92 70
AUGU5T 1953 8 IRCH TREE	MAX M1N	99							92 62	91 61	93 53	94 56	89 65	92 64	01 63	103 67	101 65	80 65	80 63	85 55	86 51	89 69	88 53	90 58	92 58	94 58	95 58		96 56	97 60	98 62	99	92 60
5EPTEMBER 1953 PORTAGEVILLE	MAX	102	98 75	96 66	92 63	83 53	88 51	86 58	86, 52	91 54	93 59	98 68	94 66	84 52	94 57	91 54	90 53	94 54	95 61	91 66	93 56	92 62	77 43	81 44	85 52	82 63	83 56	90 57	95 50	98 54	96 58		90 57
OCTOBER 1953 PORTAGEVILLE	MAX MIN	95 61	92 65	90 63	88 62	85 56	66 46	67 43	74 42	80 43	83 46	88 53	81 52	80 50	80 47	83 46	87 45	87 50	88 46	88	87 54	88 52	88	85 52	69 42	72 39	69	57 52	58 44	61 35	67 33	66 36	79. 48.

Second   1				_										1				<u> </u>		DOCEMBER 1953
Second Second	Station	Index No.	County	Drainage!	Letitude	Longitude	Elevation	vatie tim	Observer	to	Station		County	Drainage ‡	Latitude	Longitude		vatio tim	on e	to
Second Second	7	0031 0127 0145	Gentry Oregon DeEalb	10 4 1 4 9	37 0a 40 15 34 42 38 52 39 21	94 30 Hi 17 94 26	972	6.P	GP Millias J. Sutler 7A Loyd M. Slack 7A O. M. Colhour	2 3 6 3 C 2 3 8 7	Lakeside Lamar Lamps Forest Service	4684 4705 4727	Miller Sarton Stone	12 3	34	92 37 94 18 93 28	980	7A	7A W. S. Frame 7A M. Aull Van Sofften 7A Orlsy F. 3cott	2 3 5 6 7 C 2 3 5 7
Series	nerood 1 5V hape to 7 50 etch City edin hee 1 2	617M 6204 6224	Bt. Clair lros	9 1 9 10	36 39 37 30 39 12 37 35	90 47 14 02 90 37	600	GP 5P	7A Opel O, Mutter 6P F. Paul Sys 7A Arcadia College	3 2 3 5 C	Lebanon 1 ENE Lesper Lese Summit 1 N	4825 4844 4846	Lacieds Mayne Jackson	4 3: 9 3: 1 3: 7 3: 7 3:	31 7 41 7 04 8 56 9 11	82 38 90 42 84 23	1240	6P	7A Brodie D. Barnett 7A CLOSED SID Benjamin F. Seith	2 3 5 C 4/30/53 C
Second Second	teapper Station ord i M	0385 0503 0539	Douglas Lieingston Iros	12	36 57 39 41 37 41	92 40 93 35 90 41	- 1		ID Sarry 8. Rtephses 7A Beulah M. Alexander	3 C.	Lineeus 2 3 'Livonia Lockwood	4878 6014 5027	Linn Puteam Dade	6 3	3 28	93 12 92 42 83 57 81 03	635 - 1078	8P	5P Morls Wado #1D Mrs. 1cel M. Tade 7A Eubert A. Niesan	3 C C 2 3 5 C
Series Se	onfield	0668 06M5 0735	6kassos Iros Stodderd	1 10	36 58 37 37 58 53	91 30 90 59 119 59	1000 1000 440	5P 7P	7A Mildred 8. Catlett 7P Otto Geggie 7A Gmorge 5. Long	3 1	Lucerne Macadonis Lookout Macoe	5121 5164 5175	Putnam Sipley Macoe	8 3 4 4 1 3 2 3 8 3	3 27 3 27 3 45 3 45 3 28	81 04 83 18 90 54 92 38 92 12	-	74	9A D. A. Browning 6P Roy C. Robiectt 7A Johe W. Atwell	3 7 C 3 2 3 5 7 C
Series Se	og Green	0858 0878 0960	Pike Tasey Liss	12	38 31	91 13	767		RA Virgil Cook 7A Wlser A. Subhard	3 3 2 3 5	Manafiold Marble Bill Marshall	5227 5253 5298	Wright Bollieger Salies	6 3	7 08	92 35 89 58 93 11	440 775	6P	7A Benry O. Brown 7A Willa B. William 5D Musicipal Milities	3 2 3 5 2 3 5 C
Second   S	lagine Junction	1101 1141 1145	Neywolds Nodaesy Bates	7 9	57 37 40 26 36 16	91 12 95 04 94 30		5P W10	7A C. D. Sighley 7A Salph B. Fuller 5P Barley M. Johnson	3 3 2 3 5	Maryville Maryville 7 NNW McCredie 2 M	5540 5345 5410	Nodaeay Sodaeay Callaeay	7 3: 7 4: 7 4: 7 3: 7 3:	8 08 0 21 0 25 8 58 8 57	94 52 84 53 81 58	1145	1	6P R. B. Montgomory MID Earl M. Truoblood MID Lelia E. Craig	3 3 3 5 C C C
Series 1988 - Parker 1989 - 1988 - Parker 1989 - 19	good	1221 1375 1283	Danklis Levis Liscols	16	36 39 40 08 39 00	90 04 91 31 90 42	314 488	70	5P Mr. M. Soh Comer .	2 3 5 3 3 5	Mercer 6 KW Mexico Middletown 5 ME	5519 5541 5565	Morcer Audrals Piko	6 44 6 3 6 3 6 3	9 10 9 10 9 10	83 38 91 53 81 22	800	7 A	7A Oscar L. Bartley 7A D. 9. Moods 7A 6loine M. Grabas	2 3 5 7 3 C
Column   C	nger Sills	1304 1340 1359	Cedar Carroll Jasper	7	37 46 39 22 37 11	93 48 93 30 94 17	754 962 265	6P	6P 8. S. Prics 6P Sarold S. Finley 7A Phil E. Daeis	3 3 5 3 3 5 -2 3 5	Moberly Radio ENCH Monstt Monroo City	5671 5700	Maedolph Barry	6 3	3 24 6 55	92 26 93 55 91 44	850 1310	6P 8A	6P Radio Sta. KWCW 8A Konnoth G. Nouser	2 3 5
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#### STATION INDEX

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#### REFERENCE NOTES

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The for a state destification numbere in the index number column of the Station Index are assigned on a state hasis. There will be no duplication of number that the state destination of number that the state of the state

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this hulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will he carried in the June issue of this hulletin.

Station names appearing in tables, but for which data are not lieted, are either missing or received too late to be included in this issue.

Unlese otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherw shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST.
"WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two
inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and oth
causes of local variability in the snowpack result in apparent inconsistencies in the record.

- No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

  And also on a later date or dates.

  Amount included in following measurement, time dietribution unknown.

  (age is equipped with a windshield.

  Adjusted to a full month.

  Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

  E water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

  One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

  Daily values and montbly total from recording gage.

  T Trace, an amount too small to measure.

  Includes total for previous month.

  SThie entry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 15 cents per copy; monthly and annual, \$1.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

WRPC. KANSAS CITY, MO., -- 2-26-54 -- 950

#### CORRECTIONS

Jackson, Table 2, total precipitation should be 1.55, departure -1.97, greatest day .59 on 26th and days with .01 or more 4, .50 or more 2 and 1.00 or more 0. October 1953:

Jackson. Table 3, the 5th should be .58 and total 1.55.

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## U. S. DEPARTMENT OF COMMERCE SINCLAIR WEEKS, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

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APR 26 1954

UNIVERSITY OF ILLINOIS

## CLIMATOLOGICAL DATA

## **MISSOURI**

APR 2 9 1954

**ANNUAL SUMMARY 1953** Volume LVII No. 13

ILLINOIS







#### H. F. Wahlgren, Section Director - Saint Louis

#### WEATHER SUMMARY

For the second year in succession DROUGHT was the outstanding weather feature for 1953. There were two severe droughts in 1952, and paradoxically also the worst flood in 70 years on the Missouri ahove Kansas City. Unlike 1952, there were no floods worthy of mention this year and the drought, that hegan in May, continued with little or no interruption at the close of the year. State-wide, the drought damage was prohably the most severe in Missouri history. Stream flow in many places was the lowest of record and many towns were rationing; water during the last three to six months of the year. Losses due to drought were estimated in the neighborhood of \$250,000,000, half of it heing crop damage, or crop loss. Lack of feed forced marketing of many cattle, including a large number of dairy herds. 1953 was the driest year since the records hegan in 1888, the average precipitation for the State heing 25.53 inches, which is 14.95 inches LESS than the annual normal. The driest year previously was 1901, with a State average of 25.86 inches. The years 1901, 1936 and 1953 are the only ones with State averages less than 31 inches. Coupled with 1 1952, when the average was 32.67 inches, these two years will go down as the driest two consecutive years in Missouri climatological history. Only March had more than normal precipitation for the year 1953, and the average that month, 4.51 inches, was greatest for the year; the driest month was Novemher, with only 1.01 inches of precipitation. Greatest annual total was 37.23 inches at Caruthersville, and this was 10.51 inches less than the normal for that station. The least for the year; the driest month was Novemher, with only 1.01 inches at Caruthersville, and this was 10.51 inches less than the normal for that station. The least for the year; the driest month was Novemher, with only 1.01 inches at Caruthersville, and this was 10.51 inches less than the normal for that station. The least for the year; the driest month was South of the year was only 0.9 inches, compared with the 60

The mean temperature for 1953 was  $57.7^{\circ}$ , or  $3.2^{\circ}$  above normal. April was the only month with subnormal temperature. June was the warmest with an average of  $80.4^{\circ}$  and January the coldest, with an average of  $35.2^{\circ}$ , which was, however,  $4.4^{\circ}$  above the normal for January. The highest temperature recorded was  $108^{\circ}$  at Union on July 31st, and the lowest was  $11^{\circ}$  helow zero at Carrollton on December 23d.

Although nationwide, the year set a new high record for tornadoes, hoth in property damage and numbers, Missouri had fewer than normal such storms and the aggregate damage was less than \$100,000. On the other hand, hail damage was considerable, the total heing more than \$800,000. Loss of property as a result of lightning striking was heavier than usual. There were no floods worthy of mention.

JANUARY was warmer and drier than normal. There was only one "cold spell" worthy of the name. On the 16th, minimum temperatures ranged from -10° at Maryville, the lowest temperature recorded for the month, to 22° at Portageville. This was the coldest day of the season. Farm work was largely confined to routine chores and repairs. Winter wheat continued in fair condition. Although the low temperatures of the 16th found the crop unprotected by snow-cover, the low temperatures did not continue long enough to cause extensive damage. There was adequate moisture in the top soil at the close of the month but the suh-soil was still dry and ponds were low, especially in the north, where some farmers were again hauling water.

FEBRUARY continued the trend of warmer and drier than normal which has prevailed during the entire 1952-53 winter season. It was the 9th February with mean temperature above 40° since records hegain in 1888. Precipitation averaged 1.65 inches over the State, 0.45 inchelow normal. The mild temperatures of the month were interrupted by cold waves on the 17th, when minimum temperatures ranged from around 5° in the north to near 20° in the south portion, and another on the 21-22, when temperatures fell to near the same levels as on the 17th.

The average snowfall was an insignificant 0.2 inch, which equaled the Fehruary 1935 average, the least of record since statewide records were hegun in 1891. I mild and dry weather allowed spring plowing, sowing coats and garden-making to hegin earlier this year the for several seasons past. Improved pastures were fun nishing considerable forage in the south portion by end of the month. High winds caused light, but widespread damage to roofs, trees and windows in the Sair Louis area on the 6th. Gusts up to 60 mph were record at Lambert-Saint Louis airport.

This was the warmest MARCH in Missouri since 1946 and the wettest since 1948, as well as the fifth consecut month with ahove-normal temperature. However, it was the first month in 1953 with more than normal precipition. The number of rainy days, i.e. precipitation monthan 0.01 inch, was 12, which equals the highest avernumber of such days in March. Subsoil moisture which was somewhat deficient at the opening of the month was replenished by the closing week in most of the state. Wheat stands in the "hootheel" counties were 18 to 24 inches high at the end of March and the crop over the state was progressing nicely, except in some central counties. State-wide strong, straight-line winds on 14th and 21st caused some damage, with aggregate programage estimated at slightly more than \$50,000. The hulk of the damage was in Kansas City, where it was timated at \$30,000. Ten persons were injured. An extremely heavy hailstorm occurred at Eldorado Springs, in Cedar County, ahout 8:30 a.m. on the 31st. Nearly every roof in town was damaged; many windows facing south were hroken; automohiles were dented; and some windshields were hroken hy the hail. Damage was confined to the town proper. Very little rain fell with the hail, thus keeping the estimated damage down to approximately \$100,000.

APRIL averaged well helow normal in temperature and slightly helow normal in precipitation. A severe has storm occurred at Jefferson City on the 8th, causing ahout \$140,000 damage. Greenhouses were hit particul hard. On the 15th strong winds over the State did lihut widespread damage, the aggregate heing estimated slightly more than \$15,000. On the 18th a heavy fall sleet and freezing rain over the west-central, southwand south-central portions of the State caused power communications failures throughout the area. In some cases outages lasted 24 to 36 hours. Property damage was estimated at \$50,000, and crop damage was estimated \$400,000. Most damage was to fruit and strawherri Small grains also were affected, hut the extent of dage is somewhat uncertain. Lightning struck a farm home near Lilhourn, New Madrid County, on the 18th. home was hurned and a woman lost her life as the result of the fire.

MAY: Temperatures averaged slightly above normal, an precipitation considerably helow normal for the month This was the driest May since 1941. All farm work wa delayed by the cool, wet weather during the first 20 days of the month. Corn and soyhean planting fell fahehind average, and a considerable percentage of the cotton acreage had to be replanted. Small grains wer in good condition, although slightly behind the norma in heading.

The month of JUNE was very hot and dry. The average temperature for the State was 80.4°, which is 7.1° ab normal. This has been exceeded, in June, only hy the 80.8° of June 1952, and was equaled only once, in 193 It was the driest June since 1946. The hot, dry weat caused hay and pastures to deteriorate rapidly during the month, although the first crops of alfalfa and reclover were fair to good. By the end of the month drought conditions were hecoming serious in the south part of the State. Pastures and hay were in very poo condition, and in some areas hay was heing fed, due tack of pasturage. Ahout \$125,000 damage was done in the State hy local wind, hail and electrical storms. least 40 head of livestock were killed, and several bings destroyed by lightning during the month. These storms occurred in all parts of the State, but the modamaging ones were hailstorms in Harrison, Davies and Grundy Counties on the 9th and in the "hoot heel" are on the 11th.

JULY was warmer and much drier than normal. The Stat

						-			T	1		_						-5-0-00			_					1953
	Janu	HAT'Y	Feb	ruary	Ma	reh	Ap	on!	-	lay	Jur		Ju	ly	Au	gust	Septe	mber	Octo	ber	Nove	mber	Decer	mber	Ann	ual
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N N 7 L A N ST E V L A N	29.6% 39.5 37.2 31.4	2 • ?	41.6% 36.3 43.1 41.9 38.1		49.74 49.7 51.0 49.9 44.5	- 1.3	53.3 48.2 54.8 52.4 50.5	~ 4.7	66.5 62.4 68.2 66.2 64.2	- 0.2	82.0 77.3 81.7 82.3 80.3	4.7	79.6 77.9 80.4 79.3 79.7	0.9	78.5 75.2 78.4 78.1 77.6	- 1.1	73.1 68.3 73.5 73.2 70.1	- 0.3	60.7 58.4 62.2 61.8 59.4	- 0.4	46.0 44.6 47.8 47.3 44.7	1.9	37.0 34.2 37.4 37.7 34.0M	2.5	54.4 59.8 59.0 56.2	0.8
4 LE 1 * 700 * ME BA RCH 10 * 17 AM	39.4 43.54 41.2 30.9 38.24	_	42.5 46.2 43.8 37.7 41.9	5,4	51.5 54.1M 52.5 42.9M 51.5	1.2	52.8 57.3M 56.1 49.2 55.7	- 2.9	66.5 71.2 70.2 63.2 68.5	1	83.4 83.5 82.8 79.1 79.6		79.1 81.5 80.5 78.4 77.4	0.2	78.4 80.3 78.9M 75.0	0.0	72.6M		61.6 64.6 61.8 60.0 58.9		47.8 51.2 47.9M 45.9 46.7	0.8	39.3 40.8M 38.8M 34.7 36.9	- 0.1	59.7 62.4 60.6 55.6	1.7
e a a Algebrat a a ba algebrat a base a gase base a base a base br>a base a	33.6 34.3 3.1 29.0 37.5M	4.3	37.4 39.5 .40.0 37.0 42.3	5.9 8.9	45.4 45.6 42.1 48.2	2.8	49.5M 50.6 49.3 52.8M	- 3.9	54.7	0.8	80.3 78.7	7.4	78.6 79.0	0.3 1.2 2.6 0.2	77.8 78.0M	3.3	71.8	0.3 3.1 4.0 2.3		3.0 6.6	44.3M 46.5 46.3 45.5	- 2.7 3.3 4.9 1.6	36.3 34.1 37.7	3.2 4.9 3.3	57.3 55.8 58.1	2.7 3.9 2.3
4 (20 °	40.4 36.6M 34.0M 37.2	5.5	41.1 41.6 37.9 41.4	8.5	51.5 48.5 43.6 48.7	4.9 0.1	54.6 M 52.7 51.2 52.5	- 2.4	66.6 64.8	0.1	80.1M M 80.8 79.3 79.4	7.8	80.4 M 80.7 77.2 78.1	1.8 3.5 - 2.2 1.8	79.7M	2 · 1 3 · 3 - 2 · 1 1 · 0	73.6 M			2.0 4.1	48.0 45.4 47.6 44.7M 47.4	0.7 3.6 2.8 1.3	38.1 34.5M 38.6M	0.3	59.5 59.0 -	1.6
- ¢ 44 40	35.7 33 28.6 33.3 28.2M	6.1 3.8	39.9 39.4 36.34 37.3 35.3	8.8	47.5 45.7 42.0 43.6 40.8	3.8	50.8 50.8 47.4		65.2 64.5 60.8 64.1	0.7	78.6	6.7	77.6 78.4 78.3 79.2 79.0	1.2	75.7 76.6 75.4M	0.7	69.9	2.5	58.5 60.3 59.4M	3.9	44.9 45.8 43.7 45.2 45.2M	3.6	35.1 35.8 35.1 34.5	1.0	56.6 56.7 54.5 56.2 54.6	3.3 1.4 2.7
N. E. WHE AL H. TERBORY THE TA	30.9 30.7 34.0 35.2	3.6	42.1 36.4 40.14 39.84	6.3 6.7 9.4	50.9 42.6 46.9 47.3	3.2 1.6 5.6	54.7	- 1.9 - 4.2 - 3.2	68.0	2.1 - 0.4 0.8	80.7	7.1 4.6	79.5 77.2 80.0 77.3M 79.8	2.1	77.7 76.7 78.7 76.1	1.0	71.0 70.0 72.6 69.1M	0.2 2.3 4.1	60.0 60.5 62.4 M	2.4 4.5 6.3		1 • 0 3 • 1 4 • 6		1.1 2.5 5.7	59.0 55.2 57.9	2 • 4 2 • 2 4 • 4
У 6 ы 5 88 АР - Т ыВ АР 5 4 Г	37.5 35.2 39.3 34.5 34.5	5.4	43.0 40.8 43.2 40.3 40.3	8.7 7.4 5.7	50.9 48.0 50.8 46.1 46.1	2.2 2.3	51.8 52.2 50.9	- 4.9	65.9 67.3 64.4	1.2	82.3 80.2 84.5 82.6 81.9	6.4	81.2 79.2 80.0 81.2 79.8	3.6 1.1 1.9 0.3	79.0	2.9 0.9 2.6 1.0	73.4 71.9 75.3	3.3 2.6 3.2	61.7 59.3 63.6 63.4 61.6	3.8 2.5 3.4 3.8		0 • 5 2 • 8 0 • 8 3 • 0	37.6	1.0 4.9 - 0.3 2.4	60.0 57.9 60.3 58.4 57.8	3.4 3.1 2.6 2.3
FL CAS AP  FAL SACA  FREE CAS AP	29.4M 28.3 28.5 41.7M		36.9M 35.3M 33.9 43.6M	8.7	54.7 M 40.5 39.3 52.4	}	46.1	- 3.8 - 5.2 - 2.9	60.9	- 1.4 1.6	84.2 M 76.2M 76.0 Bl.9M	4.5	76.7	1.9	80.5 M 76.3 75.4 79.6		74.5 M 67.9M 67.8 74.2M		63.8 M 60.2M 58.7	5.5	49.5 M 44.0M 42.9 49.0	3.4	40 • 1 M 32 • 1 M 31 • 1 39 • 0	2.5	53.1	2.5
F.4	35.7 34.4 W( 37.7 31.4	2.8	39.6 -0.4 41.8 37.9	5.1 7.4	46.2 48.6 49.8 44.5	2.6	51.5 M 52.0.		65.5 M	- 1.0 - 0.1	82.3 M 80.8	5.0 8.1 8.1 9.1	78.1 M	- 2.6 - 0.3	78.5 M	~ 2.3 0.8 0.4 3.6	74.3 M	4.1	59.2 62.2 M 60.8 62.3	~ 0.6 3.3 3.1 4.8	46.3 46.3 45.4 47.6 45.6	1.8 0.0	33.7	- 0.8 1.4 3.3 1.5	57.0 58.3 - 58.6 57.0	0.3 1.9 3.1 2.8
4 Pq A4A ARV 4, R V AA A	33.8 39.4 33.5 30.2 4	5.4	37.4 43.0 38.9 35.7 42.8	8.0	45.0 50.8 44.9 40.6 52.3	- 1.6	53.2	- 7.4 - 3.3 - 3.2 - 5.6	66.6 64.7	2.2	81.6 82.6 79.4 77.4 83.4	8.6 9.0 7.3 5.0	79.5 78.3	2.9 1.9 1.9 0.7	79.4 75.8	1.1	72.7 75.6 69.8 68.6 73.1	4.7	60.2 63.2M 58.9 57.7 62.4	2.7	46.5 49.2 44.9 43.2 47.9	1.2 2.2 0.8 0.4		- 1.2 3.2 3.5 0.3	57.2 60.2 56.3 53.9 60.5	0.9 3.6 2.7 0.7
. 4 6 6 46 -	39.4 M 37.8 25.6 27.7	2.7	41.9 M 41.0 32.8 20.2		50.0 M 50.1 39.4 38.6		54.0 M 52.6 46.2 45.7M			1.6 (0.5 - 1.0 - 0.8	80.5 81.6 80.8 76.4 76.8	6.5 8.4 6.6 5.5	80.7 79.3 78.1	3.2	76.9 78.4M 77.7 75.9 77.8	2 - 1		3.9	59.0 61.6 61.6 60.4 60.8M	5.0	45.0 M 46.6 43.5 44.6		36.1 M 37.7 31.8 30.1M	5.0		1.5 3.1 2.2
A FNCM	37.9 11.4 38.3 38.8	3 . 4	37.7M 37.8 41.3M 42.3 41.8	7.2	43.3 43.4M NI 50.3 49.8	1.3	49.8 52.9M 53.6N	- 4.0 - 3.9	64.6M 62.9 66.5M 66.4M	0.6	79.3 78.4 83.8 81.1			3.4	77.3 76.6M 78.2M 78.0 78.1	1.3	71.0 70.7M. 75.1	2.5 3.6 5.5	60.2 60.0 63.6M 62.6 61.1	3.9 3.3 5.0	45.7 45.5 47.5 48.3 46.9	2 • 8 3 • 6 2 • 4	33.7 34.8M 39.5M 37.7 38.5	1.9	56.2 55.8 - 59.4	2.5 2.0 4.2 2.8
A I	41. 33.6 29.6 4.2		43.6 43.4 39.7 37.14 41.8	9.5	52.7M 52.2M 45.7 47.PM	7.3	53.9 53.9 50.4 49.5	- 1.8	67.9		81.5 84.0 79.6 79.8	7.7 10.5	77.9	7.4	77.2 80.7 77.1	0 · 1 3 · 6 2 · 1	75.5	1.9	61.1 63.5 61.0 61.4 62.6	1.9	47.7 48.5 46.5 44.9 47.4	0 · 4 3 · 7	39.8 39.6 36.6 33.2 37.9	2.7 4.3 4.5	59.6 57.1	2.3
	3A+0 W 43+ M 2++5 1A+3		42.9 43.44 45.2 37.34 46.4	5.3	40.5 52.5% 54.6 41.0% 48.7	3.9	57.5 49.2 57.4		67.2 68.7 M 62.2 66.3	1.2	80.8 81.7 83.9 78.4M 81.9		79.7 79.8 81.3 77.3		77.0 78.6M 79.6 75.4 78.6M		72.6 72.7 74.0 68.6M 73.7		60.3 61.9M 63.7 M	1.8	46.8 48.0 49.7 45.1 47.9		36.7 39.0% 40.3 33.4 36.0			3.0
210	6.7 1.49 35.2 6. 36.8	3 + 1 7 + P	42.1M 37.4 39.9 44 42.	4.9 5.6 4.7	49.24 42.9 46.8 48.3 48.4	4.7 1.0 2.4	53.RM 48.7 57.1 61.8 51.6	- 1.8 - 1.8 - 3.7	69.6 62.6 67.2	5.0 - 2.1   .8	87.7 80.1 81.6 87.4 87.4	P.R 5.7 5.4 6.6	81.8 79.1 81.4 82.7 82.4	3.7 - 1.0 1.7 2.1	79.1 77.1 78.3	7 • 3 - 1 • 0 0 • 6 1 • 3	73.8 69.8 72.4	5.5 - 0.1 2.0 2.3	62.6 60.5 62.0 63.7 63.7M	4.4 2.4 2.6	47.6M 45.0 47.6 49.0	2.3 2.7 2.6 3.0	39.1M 33.4 37.7 39.1 39.6		59.8 55.6 58.5	4.6 1.1 2.2 2.5 3.8
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دمود وا	1 0 60° 0 80° 2 0 4 0 3		31. A 42. ^ .*. 8	4.9	6 + 5 M 42 + 1 5 + 3	. 7	5 + 400 4 1		A2		F . RW H . M 77 . 7 R6 . 1 H2 . A	1.6		= . '.		7 . S	74.69 72.0 60.6 73.6 77.3	5.0 3.2	62.8M 56.8 62.5 62.7	3.8 2.4	48.3M 45.2M 44.6 47.6 47.2	1.0	39.04 4 34.6		59.5 - 55.5 60.1 59.8	2.9
E		1.7	4	1.1	40	4.		- 1.2	A 0 1 A 10 A 0 1 V A 0 7		24 a D 7 a B a 7 H a A	7.Q 5	77.		76. 76. 76. 76.6 76.0	- 1.5	7301	1.7	61.6 50.0 2.5" 6.7	2.4	45.5 45.7 45.4 44.6 47.1	4.1	36.8 34.7 25.9M	1.1 4.1 7.5 5.2	58.7 55.3 57.4	7.5 1.7 3.7 3.7

	Janu	ary	Febi	uary	Maz	ch	Ag	ril	M	ay	Ju	ne ·	Jul	ly	Aug	guat	Septer	mber	Oct	ober	Nove	mber	Dece	mber	An
Station	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature
JNION 1 SE JNIONVILLE VANDALIA VERSAILLES VICHY CAA AP WAPPELLO DAN WAPRENSBURG CENT T C WARRENTON 1 N	36.6 27.3M 33.2M M 35.5 38.4 35.4 35.4	3 • 8 4 • 4 6 • 7 6 • 0	41.1 33.7 40.0 42.3 41.6 41.5M	5.0 9.1 10.6	47.6 39.7 M 48.5M 47.1 50.9 48.8M 47.0M	3.4 4.8	52.5 46.3M 52.4M 50.6 54.5 52.8 52.9	- 4.8 - 3.3	60.6 M 63.8M 65.7	1.1	78.9 75.1 M 81.4 80.5 82.3 82.5 80.5	8.6		1.1	75.8 75.4 M 77.7 79.6 81.1M 77.8	0.6	70.9 68.9 M M 72.9 73.4 74.8M 73.8	1.8	58.6 59.7 M 61.4 62.1 63.8M 62.0	0.7	44.7 44.1 M 46.6 48.2 48.4 47.5	0.2	37.0 32.2 M 36.9 37.1 37.3 37.9 37.5M	1.5 4.6 - 0.2 4.5 5.1	57.9 59.8 59.6
ARSAW MO 1 ASOLA AYNESVILLE 2 W EBSTER GROVES EINGARTEN EINGARTEN ELLOW SPRINGS	36.7 40.0 37.1 34.3 36.7 38.5 38.1M	3.8	41.8 42.7M 41.1M 39.5M 42.6M 40.7 40.8		49.0 51.7 47.6 46.9M 49.5 50.1		53.7M 53.8M 51.3 52.3M 54.0 51.8 52.7	,	67.1 66.0 67.7 67.7		79.3 80.6M 80.6 80.5 81.4	7.1	79.7 77.3 M 79.9M		78.6 75.2M 77.4 78.1 77.8 76.5		74.3 70.7M 73.2 74.4 72.0 70.9		62.0M 62.0M 60.6M 63.6M 60.4 59.2		46.7 49.5 M 46.8M 49.1 46.3	- 0.5		2.1	60.1
INDSOR 3 NW	34.6		40.5		47.3		51.1		65.1		80.8M		80.3M		79.1		73.1		61.9		46.9		36 • 8		58.2
ECTION ÁVERAGE	35.2	4.4	40.1	6.4	47.2	2 7	51.6	- 1 0	65.5		80.4		79.2		77.7	1 0	71.9		61.1		46.5		36.4		57.7

#### WEATHER SUMMARY (Continued

average temperature was 79.2°, 1.5° above normal. This was lower than the 79.7° average of July last year, but still the second-warmest July in the past ten years. Precipitation averaged 1.92 inches, or 1.61 inches below normal, and made this the driest July since 1940. Only six times since records began in 1888 has precipitation for the month been less. Conditions of temperature and precipitation were quite uniform throughout the State. Crops throughout the State were suffering from the continued dry weather by the end of the month. Hay and pastures, already in bad condition in the south portion, deteriorated steadily during the month as the drought continued in the south and spread into the northern portion of the State. There was considerable damage by electrical storms and a few windstorms. Six persons suffered injury from lightning.

The temperature was higher and precipitation was less than normal for the month of AUGUST. This was the driest August since 1936, and the fourth driest on record. It was the fifth consecutive month of belownormal rainfall. The cumulative effect was a month of disastrous drought. The cooler weather and scattered showers early in the month were locally and temporarily beneficial to corn, soybeans, hay and pastures, but the benefits were lost in the last half of the montb. The but these montb ended with pastures practically non-existent, and emergency pasture crops mostly failures. Corn was maturing, though ears were poorly filled; the soybean crop was in a state of continuing deterioration, and a large percentage was being cut for bay. Providing water for livestock was becoming a serious problem as wells, and streams went dry. Herds were being drastically ponds tbinned out because of lack of feed and water. person was killed by lightning.

SEPTEMBER was a continuation of the severe drought conditions from which the State had been suffering for the past four months. It was the driest September since 1940 and the sixtb driest on record. It was also the eighth month of 1953 with below normal rainfall. average precipitation for the months of May through September was only 9.56 inches. This is 11.35 inches short of the normal, and the least rainfall ever recorded for a similar period in any year. Only 1901, with 9.72 inches approached this figure. The next lowest average amount was 14.28 inches, in 1913. The State average temperature of 71.9° was 2.6° above normal, and made this the warmest September since 1947.

OCTOBER continued the prevailing pattern of above normal temperature and below normal precipitation. The total rainfall for the year through October was 23.13 inches, leaving a deficiency of 12.44 inches. This is

the least rainfall for this period since 1901, when 21.19 inches fell during the first ten months. Driest part of the State was the Northern Division, with 1.35 inches, half the normal amount. It was the sixth consecutive month of above normal temperatures. The fire general freeze and killing frost of the season occurre on the 29th. There was little damage therefrom, as al field crops were matured and harvests were nearly completed. The warm and dry weather was ideal for maturi and barvesting corn, soybeans and cotton. The corn yield was considerably below the 10-year average, but higher than had been expected following the intensely severe drought. The soybean yield was the poorest in many years. Cotton produced quite well, considering the poor growing conditions. Pastures were producing no feed in most areas, and livestock was being winter-fed. Ground water supplies were very low.

NOVEMBER was the 7tb consecutive month of above normal temperature and below normal precipitation. The year total for the State through November was 24.14 inches, which is 14.16 inches below normal, and the least on record for this period with the exception of 1901, whe 22.67 inches was recorded. Corn, cotton and soybean harvests were nearly completed as the month began. The was one of the earliest harvests of record. Pastures had long since ceased producing any significant amount of feed. Subsoil moisture supply was very low. topsoil was also very dry until the rains of the 19-20th, and the effect of these was diminishing by the end of the month. Water for livestock was a continuin problem for many farmers, some of whom had been haulin water for months. Large quantities of hay were being imported to help carry livestock through the winter.

DECEMBER'S below-normal precipitation made 1953 the driest year on record. Above normal temperatures continued the pattern of the past 8 months. The Statewide average temperature for December was above normal Rain and snow falling on unfrozen soils in early December. ber relieved topsoil moisture sbortages, generally. I above-normal precipitation for the first quarter of the month permitted wheat and other fall grains to make marked gains. Topsoil moisture was mostly adequate, although the subsoil remained very dry. The cold reduced the supply of available water for livestock and this aggravated an already critical situation in the south portion of the State. The snow melt in the northogoner, served to keep the topsoil moist and some small streams flowing, but water bauling was still necessary in some localities. Streamflow remained great deficient with the lowest level in 11 years of record, for December, being cheaved in the key well at Treat for December, being observed in the key well at Trente

to 2			101	AL P	ILE	OII IIA	TION A	IND I	71.1		TILLO	110	01/1 1/0	1111112			1953
	Januar	7	February	Marc	ь	April	May	June		July	Aug	guat	September	October	November	December	Annual
Station	Precipitation	Departure	Precipitation Departure	Precipitation	Departure	Precipitation Departure	Precipitation Departure	Precipitation	Departure	Precipitation Departure	Precipitation	Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure
ANCE 4 ESE ANY TON 8 ENE N Y HOERSON 1 SH	2.71- .10- 1.85 .14- 1.56-	1.41	1.42- 2.3 2.01 0.3 2.30 2.02 0.5 1.27- 0.5	3.36 5.35 3.11	1.12 1.69 0.84 1.43	3.98- 1.19 3.07 0.28 4.69 4.61 0.51 5.41 0.72	3.01-1.26 2.84 0.16 3.15 3.54-1.71 2.37-3.38	2.40- 2 2.45 4.29- 2	. 71	1.46- 1.9 .98- 3.6 .45 1.74- 0.1 2.24- 2.	.50 .50		.21 - 2.43 1.30 - 4.25 .15 .99 - 1.75 1.23 - 2.65	2.25 - 0.36 1.04 - 1.75 1.05 .56 - 1.57 3.04 - 0.85	1.16- 2.12 1.42- 0.29 E 2.06 1.61- 1.07 .92- 2.43	1.59-1.3 1.49 0.6 1.43 2.55 0.5 1.41-0.9	21.30-12.70 E25.23 25.71-12.40
MAPOLIS 7 SW POLE ON CITY OCADIA JAVAS E LA RANGER STA	2.42 1.37= E 2.16= 1.45 1.68	0.83	2.08 .87= 0.8 1.30= 1.1 .95 .85	4.05 6.03	0.75	2.74 4.15 0.02 2.60 2.22 2.83 5.02	2.77 3.11-1.69 2.14-2.10 3.60 2.69	3.04-1 3.28 .19		2.58 2.54-1. 1.86-2. 2.73 1.19	1.60 .78	- 3.18 - 3.82	2.35	1.82 2.81 - 0.15 1.84 - 1.61 2.78 2.95	1.68 .82 1.48 1.38 1.74 .59 1.06	1.20 - 0.39 .66 - 2.19 1.38	27.12 24.15
ELEVIEW  ELLEVIEW  CONTREE  CONTREE		0.97	1.02-1.8 2.69 2.15 0.7 1.88-0.6 1.46-0.8	6.85 3.60 5.72 3.70	1.37 1.74 0.19	2.76 2.26 3.80 3.87 0.58 4.39 0.37 4.24 0.65	2.29- 2.82 4.13 2.52- 1.65 3.44- 0.91 2.53- 1.98	1.98 5.32 2.00-2 4.74	2.41	.37- 2.6 4.75 1.59- 2.6 .95- 2.6 2.10- 1.6	.23 1.15 3 .95 9 1.29	- 2.67 - 3.81 - 2.95	.00- 4.04 .91 .92- 3.64 .21- 3.47 .08- 3.78	2.00+ 1.50 1.73 .15- 2.77 1.23- 2.05 1.44- 2.15	1.26 1.16- 0.88 1.97- 1.19 1.37- 1.35	2.76 1.44 0.2 1.38-1.3 1.14-1.3	33.23 9 24.09-11.92 7 E26.20-18.19 1 26.23-16.65
JOHF IELO 1, IVAR 2014 LLE WATERWES 2014 LLE WATERWES 2016 SAFEE 2006F IELO	3 · 23 1 · 66- 1 · 04- 1 · 36- • 74	0.68	2.35 .94-1.1 2.18 0.4 .73-0.7 1.99	3.79 4.77 5.86	0.34 0.75 2.63	5.53 1.36 2.65- 1.22 2.48- 0.06 2.89	3.41 2.42-2.93 2.34-2.23 3.13-0.71 3.00	2.19- 2 3.38 ( 3.93	2.86	1.34 1.03- 2.1 1.76- 1.1 1.50- 1.3	8 4.23 8 4.36 1.92	- 1.38 - 0.32 0.55	1.59- 1.12 2.12	1.63 2.51 - 0.74 3.98 0.76 2.00 - 0.25 1.38	1.29 1.15-1.43 .26-1.95 .37-2.47	2.49 1.11- 1.2 1.04- 0.6 .7:- 1.2	27.58-12.60 26.45-5.09 27.56
PUNSWICK UFFALO WEE UNL NGTUN JUNCTION EE	1.54 E .38 .89	0.73 0.72	2.37 0.5 1.16- 0.6 1.42 1.78 1.6-	3.62 4.65 2.86 3.91	0.71	3.27 0.56 5.27 1.60 3.40 3.28 5.53	5.19 0.58 2.86- 2.34 2.55 2.16 3.35	1.96- 3 1.67 2.87 1.22	3.06.	1.48- 2.1 1.58- 1. .92 1.24 1.48	1.21 1.81 .82		2.07 - 2.74 .74 - 2.61 .22 1.44 2.72	1.45- 1.55 3.28 0.46 1.22 .18 3.13	.16- 2.03 1.06- 2.34 E 1.27 1.32 1.15	1.9 0.2 1.4 - 0.6 1.13 1.30	1 27.08-12.31 E21.04 E20.45 27.14
LEB CAA AP ANDEN®ON ANTON L AND D LO APE GIRARDEAU NO ST APE GIRARDEAU	2.58-	1.19	1.51 1.48 1.67 0.4 1.48- 0.9 .95- 1.4	5.25	1.33 2.16 1.41	5.07 5.21 2.62- 0.14 4.15 0.27 5.10 1.22	2.66 2.89 2.01-3.31 3.44-0.63 3.72-0.35	2.20- 2	2.10	1.25 1.40 1.52- 0.2 2.17- 1.1	2.05	- 2.58 - 1.85 - 2.18	.51 - 3.50 .48 - 3.53	3.04 2.45 .79- 1.47 1.60- 1.70 1.50- 1.80	1.10 .66 .46 - 2.25 .96 - 2.62 .86 - 2.72	1.19 1.41 1.28- 0.3 1.52- 2.1 1.45- 2.2	28.87-15.48 2 26.70-17.65
APLINGER WILLS LENGLLTON ARTHAGE ABUTMERSVILLE ASSV LLE RANGER STA	.65 .95 3.17- 1.78	2.02	1.56 0.2 2.17 1.03 3.66 0.2 1.12	5.45	4.89	3.21- 0.36 3.98 4.53 5.20 0.68 5.89	2.73 - 2.14 5.10 1.95 5.69 1.25 2.24	1.83 .69 .91- 2	2.90	3.33- 0.1 1.00 5.30 1.21- 2.44	1.29 1.86 1.14 1.59	- 2.55	2.42 1.00 .18- 3.03	2.44-1.44 1.41 2.92 2.06-1.30 2.48	1.16- 1.60 .63 .80 1.47- 2.38	1.42- 0.2 1.50 1.54 3.19- 1.3 2.10	25.75 26.31
WERVILLE WERVILLE RANGER STA WTEALTA WADWICE WARLESTON	2.27 2.36- 1.41- .99 4.11		1.54 1.72- 1.4 1.21- 0.2 .95 2.39	3.22 4.43 7.67	1.29	3.31 3.48- 1.74 2.65- 1.75 4.81 3.88	2.22 2.61-1.75 2.68-2.56 2.62 2.92	3.71- 2 .58 2.60	2.52 2.30	2.09 2.05- 0. 1.19- 1. 3.11 2.99	2.24 .71 1.59	- 1.12 - 2.07	2.35- 1.31 1.43 .58	1.38 1.52~ 2.18 1.69~ 1.45 3.06 2.49	1.23 1.18- 2.26 .40- 2.22 1.13 1.32	.81 .75- 2.0 .94- 1.1 1.60 2.68	1 23.69~16.31 E25.42 35.22
M LLICOTHE 2 S M LLICOTHE RADIO RCHI LARMATER DAM LIFTON CITY L MYON 1 MAN	2.31	1.04	1.54 1.56 0.1 1.95 1.91 1.00- 0.9	5.85	0.11	3.59 2.75- 0.47 3.72 3.97 3.18- 0.99	3.12 2.92-1.13 2.40 2.07 1.93-2.90	2.06	2.5	1.25 1.12- 2. 1.67 .92 1.36- 2.	E 1.14	- 2.70	.89 1.31 - 3.47 .47 2.19 4.00 - 0.52	.93 1.21-1.93 2.36 2.03 3.83 0.38	.99 1.09- 1.03 1.57 .30 1.20- 0.96	1.15 2.07 0.6 1.28 .90 1.21 - 0.6	E26.73 21.27
OLSMA DLIME A WE ATREORY R DRIME A OF MO 9 NW OMCERTION DECORDIA	1.28	0.58	1.55 1.51- 0.0 1.76 .98- 0.1 1.66 0.1	3.49	0.65 1.64 1.66	2.8 0.94 2.7 0.04 3.91 0.57	3.85 2.66- 2.18 1.88- 2.18 2.92- 1.83	2.84- 2		1.07 2.68- 0. 1.55- 3. 1.89- 2.	12 1.80	- 1.07 - 1.84 - 2.78		1.19 2.31- 0.90 .15- 2.73 1.35- 2.45	.86 .42- 2.19 1.02- 0.72 .72- 1.50	1.02 1.06-1.0 2.11 1.2 1.30-0.4	3 E20.20-13.58
DOR STATION SAME MOUNTAIN DOCKES DYSTAL CITY 1 N GA	1.79 2.50 2.60 1.94 2.52	0.08	1.12 1.68 1.26 0.6 1.52 0.3 .93 1.6	4.58	0.83 1.90 0.08	4.01 3.12 5.04 1.24 3.05 0.59 2.79 2.16	2.68 2.28 2.47-1.33 2.69-1.41 2.78-1.81	4 - 13 - 1	1.77	.78 1.24 1.09- 2. .14- 3. 1.53- 0.	. 28		.35- 3.03	1.94- 0.83	1.04 1.56 .89- 1.24 1.20- 2.22 .76- 2.27	.42 .77 1.21-0.9 .47-2.0 .70-1.3	7 22.29-15.52
H PMAN 2 U	2 · 77 2 · 05 3 · 8 2 1 · 80 2 · 15	1.42	4.63 1.13 2.29 - 0.7 2.68 - 0.6 2.65		3.29 1.48	4.76 3.93 4.10- 0.49 4.27-, 0.66 3.85	4.53 2.55 3.33 - 1.46 5.15 0.79 4.89		2.88	2.21 1.06 3.65 .85- 3.	1.05 3.58 3.58 1.34 .55	- 2.78 - 3.69	.05 .41 .66-3.86 .09-3.52	1.98 1.84 1.50- 2.76 1.71- 1.39	1.29 1.01 1.28- 2.64 1.89- 1.53	3.55 .39 1.67-2.3 2.16-1.5	
AST END BYON WA CON DORADO SPRINGS	.97- 1.75- 1.55-	0.01	2.06 2.65 1.5 1.55 0.2 1.50 0.9	7 4.19	2.81 1.15 1.27	3.77 	2.77- 1.00 2.96- 1.34 3.89- 1.26	1.80- 2	2.45	2.40 - 1.61- 0. .78- 2. 1.06- 3.	.4 .58	- 2.37 - 3.08		1.62 	E 1.26 .92- 1.05 .46- 2.61 .68- 1.77 .50- 1.89	E 1.86 1.55 0.4 1.27 - 0.0 1.07 - 0.6 1.06 - 1.1	7 24.02-11.04
JAH L MSYON LS MOPE SHEPRY L BAAA	3.05 2.61 2.31 1.21-	0.96	1.39 2.49 1.85 1.15 - 0.5 1.02	5.69 5.64 5.65 4.16 3.05	1.40	4.78 3.46 - 3.51 3.28	2.94 3.63 2.55 2.71 0.61 2.31	2.27 2.78 1.05 2.92	0.52	2.25 .45 .1.26- 0.	1.09 1.09 73 4.52 2.59	1.26	11 .42 .1.32 - 1.68	2.52 1.79 3.46 0.95	1.31 1.23 - .74- 2.08 1.68	.99 .80 - .78- 1.4	27.60 26.59 3 27.74- 4.45 E20.79
ARMINGTON CAA AP A ETTE SE TA & GROVE WILDLIF	2.33- 2.27 .99- 2.98- 1.31	0.80	1.98- 0.5 1.86 2.20 0.5 1.90- 1.3 2.02	4.78	0.21 0.97 2.46	3.56- 0.96 3.95 2.01- 1.54 4.58 0.88 2.63	3.04 2.03 3.24 3.44 0.88 3.48 0.03	1.99	3.13	3.13- 0. 2.72 3.02- 0. .91- 2. 2.57	1.6	- 1.40	1.34- 3.62	1.78	1.26	.39- 2.4 .61 1.24- 0.4 1.72- 1.7	26.45 2 E23.64-13.53
DEBICETONN HONT TOWER TON 4 SW NENA ALLATIN 2 NE	2.92- 2.31 1.40- 1.63- .33-	0.62	1.03- 1.6 1.19 1.01- 0.6 1.01- 0.9 1.76 0.1	5.04	1.57 1.24 1.55 0.56	3.30- 1.18 4.25 2.83- 1.18 6.05 1.93 3.27- 0.29	2.10-1.99 2.90 3.21-1.39 2.60-2.59 3.05-1.69	2.67-1	1.73	1.03- 2. .00 2.32- 0. 2.59- 1. 2.05- 2.	2.43 2.79 17 2.08	0.86 - 0.86 - 2.02	.62 2.73 - 1.76 1.25 - 2.23	2.58- 0.84 2.40- 1.08	1.55 .60- 1.71 1.47- 1.83	.92- 2.2 1.31 .72- 1.2 2.13- 0.0 E 2.36 1.0	E24.34 9 27.06-11.77
BAL AUTY AUT CITY FAY LLE A PAYE GODY LANDING	3.20 2.19 .31- 2.20- 1.05		1.31 1.43 2.84 1.7 1.63- 1.0		0.68	4.70 6.15 3.56 0.60 4.36- 0.34 2.28	2.60 2.4 3.3 0.93 2.09 2.00 2.04			2.68 3.27 2.73- 1. 2.08- 1.		2.14 - 3.80		2.57 2.73 1.39-1.65 2.18-1.10		.86 1.26 1.24 0.1 1.21 2.1	28.45 E29.32 8 E26.37- 9.12 5 23.71-21.52 E18.83
IBB SONVILLE	1.63 1.53 .65 1.03 .26		.77 1.27- 0.5 .85 1.13- 0.7 1.73 0.0	3.88	1.44	4.96 5.17 0.78 2.31 1.98- 1.21 8.17 4.79	1.86 2.39 2.8 2.91 2.42 1.9 4.01 0.4	1.64	2.18	2.57 2.30- 1. 1.46 1.52- 1. 1.18- 2.	57 .95	2.79	1.92	2.14- 0.25	.71	.80 1.88- 0.4 1.30 1.08- 0.4 1.35- 0.1	20.50 6 21.22-12.79
2 EGREEN 2 u PHAMN PHITAGE PSTON ICESON	2.10 1.71 1.13 - 2.51		1.02- 0.6 2.11 1.67- 1.2	3.78	0.62	5.50 3.94- 0.09 4.11 4.97 0.63	2.02 3.09-1.09 2.39 - 3.53-0.79	2.35	3.92	2.83 3.98 0. 2.21 2.37- 1. 1.09- 2.	77 .93	- 1.22	1.83	3.49 2.27 - 0.47	E 1.01 1.68- 0.85	.80 .62-1.1 1.10 1.24-1.0 1.20-7.2	E26.46
FF CITY EMOS EF USON CITY ROME PLIN CAA AP HORA	1.26+ .98 2.31 1.13- .82+	0.33	1.25- 0.5 .88 1.30- 1.0 1.04- 0.6 1.83 0.7	2.98 3.59 4 3.39	0.02 0.74 0.19 3.51	2.94- 1.04 2.36 3.01- 0.82 4.85 0.15 3.50 0.24	3.83 - 0.5 2.82 2.03 - 2.2 2.01 - 3.3 2.45 - 1.8	1.32	2.83	1.11-2. .75 1.28-2. 2.40-2. 1.25-0.	1.30 04E 1.53	0- 1.93 1- 2.71 3- 3.69 - 2.14	2.31 1.06-2.53 1.43-2.49	2.00 1.77- 0.25 2.88- 0.57	.61- 1.78 .32 1.00- 1.47 .96- 1.81 .24- 3.11	.59- 1.3 .34 .97- 0.8 1.35- 0.5 1.45- 0.2	18.44 6 E20.73-15.80 22.62-21.10
WEAS CITY WE AP R C MIN OF Y C WETT WADIO KROA "TESY LLE 4 NE DOCE	.19h .18-		1.51 0.3 1.53 0.3 2.17 1.99 0.4	2 2.84 6.58 3.34	1.33	3.29 0.32 3.84 1.45 5.04 2.11	2.98-1.4 2.68-1.8 4.90 6.43			.98- 1. .79- 1. 1.82		5- 3.34 5- 4.04 3				1.83 0.3 1.49-0.4 2.54	

The control   Part	Table 2-Continued	Janus	ary	Febru	агу	Marc	.h 7	April	May	June	July	August	September	October	November	December	Annus
Column   1	SA-M-	gog	, p	gog		gon			g o	g Og		g	g	go	don	gog	hon
Column			å	$\rightarrow$	-		-	Preci				9 6	2 Z	Precipitat Departure		Precipitat Departure	Precipitet
Column   C	KIRKSVILLE CAA AP R KOSHKONONG LA BELLE	2.31 2.32	1.31	2.80 7.29- 2.49	0.57	4.68 5.37 4.22	1.27	2.67 4.82 0.20 2.56 0.35	7.59 4.16-0.39 7.46-1.98	2.58 1.29= 3.21 4.29= 0.95	3.54 .59- 3.18 1.35- 0.76	2.08 .80- 3.36 1.64- 2.98	1.49 .23- 3.41 1.06- 3.01	1.18 .99- 2.23 1.31- 0.97	2.33- 0.93 .75- 2.35	1.85 1.15- 2.33 1.95 0.41	24.65 26.33-1 26.43-
Company   Comp	LAMRE FOREST SERVICE LATHROP 3 SW LEBANON 1 ENF	1.47	0.67	.79		5.84 2.73-	0.75	3.95	3.22	-10	4.27	1.00	F •75	3.33	1.64	1.18	E27.17
Column   C	LICKING 4 N LINNEUS 2 S LOCKWOOD	1.55	0.42 1.48 0.37	1.15- 1.97 1.50-	1.26 0.80 0.23	4.09 3.90 4.30	0.96 1.96	3.44- 1.24 3.05- 0.05 4.61 0.08	1.98- 3.15 1.73- 2.37 4.03- 1.29	1.72 - 3.34 2.90 - 1.82 1.85 - 3.83	1.55- 1.02 2.85- 0.01 2.37- 2.39	1.45- 2.51 1.56- 3.16	1.00- 3.54 1.32- 2.41 1.63- 3.15	2.33- 0.98 .82- 1.63 3.74- 0.66	1.15- 1.49 .49- 2.08 .80- 2.04	.83- 1.55 .99- 0.39 1.42- 0.72	20.96-18 E21.96-1: 28.78-1
Martine   Mart	LUCERNE MACEDONIA LOOKOUT MACON	.52- 2.72 .77-	0.93	7.29 1.89 2.80	1.10	3.82 5.66 4.36	1.52	3.57 0.01 4.28 2.74- 0.92	2.21 - 2.52 3.19 2.89 - 1.70	2.97- 2.67 1.51 3.11- 1.61	3.27 0.21 .41 .94- 2.47	2.24- 2.20 .63 2.45- 1.36	.90- 4.76 T 1.40- 3.04	1.63- 1.70 1.10 .63- 2.06	.86- 1.42 1.55 .70- 1.49	1.52- 0.09 1.92 1.36- 0.26	26.00-1; 24.86 24.37-1;
MATERIANS 147 167 167 167 167 167 167 167 167 167 16	MANSFIELD MARBLE HILL MARSHALL	1.92 2.57	1.30	1.83	1.25	5.50 6.03	1.75	4.28 5.14 0.65	2.36 3.02-1.47 2.79-1.82	1.1 - 3.29 2.0 - 2.75	2.96 2.96- 1.06 1.85- 1.72	.37 .28- 3.84 1.85- 2.05	.64 .04- 3.84 2.43- 3.07	3.46 1.50- 1.92 2.35- 0.76	1.43	1.63	35.56 26.01 27.17-20
## Common	MARYVILLE MEMPHIS MERCER 6 NW	.59- 1.07- .62	0.46	1.42- 2.32 1.87	1.35	3.61 7.15 3.32	4.79	3.05 0.04 2.65 0.55 3.22	2.02- 2.63 2.54- 1.47 3.00	4.04-1.07 3.25-1.88 4.16	.81- 4.42 .66- 2.14 3.34	1.21- 2.77 .30- 3.67	1.43 - 3.25 .96 - 3.22 1.09	.80- 2.17 .76- 1.17	.61 - 2.38 .78	2.07 0.99 1.41 0.13 1.87	25.74 22.41-14 E23.65-16 24.93
Section   1	MILAN MOBERLY RAOIO KNCM MONETT	.61 .90 E 1.61	0.86	2.30 1.78 1.23	0.76	6.25 4.82 6.17	2.14	3.29~ 0.68 2.71~ 1.32 5.66	2.77- 2.05 3.19- 0.78 2.62	3.34- 1.76 E 2.60- 2.36	.80- 2.28 2.16- 0.44 2.08	1.90- 2.34 3.01- 0.80	1.36- 4.18 1.36- 2.12	.62- 3.35 2.41- 0.94 2.42	.74- 1.44 .83- 1.71 1.40	1.36 0.85	E26.22-12 E26.91- 9 E26.73
September 1, 170	MOSELLE MOUNTAIN GROVE 2 N MOUNT VERNON 3 SW	2.40 2.00 1.97	0.73	1.30 .92- 1.32-	1.31	4.98 4.85 5.00	0.98	2.74 3.42- 1.10 4.83 0.38	3.90	3 7 7 0 12 - 4 . 8 2 . 27 - 4 . 9 9	2.55 1.60- 2.29 2.49- 2.70	E 1.83 .85- 3.49 1.10- 3.38	E .85 .16- 3.90 .61- 3.23	3.61 1.89- 1.57 2.62- 0.76	.80 1.53- 1.42 .99- 1.95	.65 1.18-1.23 1.55-0.99	E29.51 20.43-23 25.06-21
SOCIAL SECTION 1.59 0.00 1.09 0.09 2.09 0.79 0.79 0.79 0.79 0.79 0.79 0.79 0	NEW BOSTON NEW FLORENCE NEW MAORID	.76 1.60 4.33		2.49 .79 4.00		5.43 3.77 7.28		2.82 3.43 4.47 0.11	3.21 2.81 4.79 0.36	3.80 3.07 .32- 4.18	2.80 2.39-1.56	1.08 1.72 .07- 4.03	1.19 1.69 .16- 3.43	.78 1.92 1.98- 1.79	.38 1.13 1.45- 2.58	1.63 .44 2.70- 1.91	24 • 22 25 • 17 33 • 94-17
PARES PARES	OSCEOLA 3 NF OZARK OZARK BEACH	1.53 1.55 1.72	1.25	1.33- 1.07 1.11-	0.39	2.94-	0.25	5.37 0.99 5.23	1.54- 3.93 2.30	2.77- 2.46 .66	1.81- 2.09	.26- 3.81 E 1.06	2.58- 2.23 E 1.24 .41- 2.78	2.46- 0.70 3.13 2.21- 1.66	.75- 2.03 1.26 1.20- 1.57	1.30- 0.83 1.18 1.88- 0.87	24.64-18 E25.18
POLICION   1.00   1.0	PARIS PARMA PERRYVILLE	4.02 2.68		2.49		6.77		3.82- 0.42 3.74	3.90- 0.26 3.50	1.24- 2.24	2.74- 1.15 3.11	.44- 4.13	2.20- 1.07 .13- 4.92	1.49- 0.38 2.60- 0.54 2.12	1.18- 3.29 1.07	.78- 1.10 3.37- 1.41 .69	32.70-18 25.32
OUL N REYNOLDS	POLO POPLAR BLUFF RORTAGEVILLE	2.72- 3.58		1.47	1	6.37 6.31		3.45 4.20- 0.31 4.57	2.73 2.96-1.56 E 4.41	3.04 1.11-3.01 1.70	1.49 1.25- 2.69 2.63	.99 .68- 3.89	1.37 .45 - 3.44	2.51 2.15- 1.51 2.44	1.38 1.78- 1.70 1.44	.96 2.02-1.97 3.17	24.03 27.53-20 E34.06
ROULD SERVING ROUND SERVING ROUND SERVING STORMERS ROUND SERVING SALEM SALEMAN SALEM	OULIN REYNOLOS RICHWOODS	3.21 1.49 2.57	0.47	1.77 1.45 1.04	- 1.54	8.15 3.92 4.21	0.79	3.97 3.93 2.83- 1.67	3.63 1.98 2.12- 3.36	.62 2.99 3.83- 1.01	2.77 1.05 1.36- 1.18	.94 .98	.37 .00 .42- 3.16	2.20 1.94 1.92- 0.46	1.54 1.20 1.08- 2.55	1.66 .67 .35- 2.28	30.83 21.60 23.45-17
SAIN LOUIS WASH U 1.89 0.77 1.88 0.49 4.62 1.08 3.15 0.71 3.59 0.71 1.30 2.49 1.70 5.41 1.89 0.72 1.59 0.75 3.69 0.07 3.70 0.72 2.80 1.70 3.15 1.10 1.20 1.08 3.15 1.10 1.20 1.08 3.15 1.10 1.20 1.08 3.15 1.10 1.20 1.08 3.15 1.10 1.20 1.08 3.15 1.10 1.20 1.08 3.15 1.10 1.20 1.08 3.15 1.10 1.20 1.08 3.15 1.10 1.20 1.10 1.1	ROUND SPRING ST CHARLES SAINT JOSEPH WB AP R	1.40 2.09	0.06	1.12 1.36 1.67	0.63	4.46 4.46 3.76	1.29	3.30 4.31 0.56 2.86 - 0.49	2.77 2.55- 1.73 2.71- 1.36	1.22 1.95- 2.05 2.61- 3.85	1.08 3.15 0.16 2.28- 0.81	1.0° 1.12- 3.12 .88- 2.85	.00 .75 - 3.09 1.17 - 3.12	1.36 2.10-1.08 .55-1.98	1.49 .89- 1.22 1.10- 0.90	.76 .98- 0.81 1.98 0.59	E26.02-15 20.04 25.71-11 21.81-13
SEDALIA 1.23 1.07 1.55 0.59 3.72 0.59 3.72 0.59 3.72 0.59 2.21 1.55 1.66 2.78 1.30 3.88 2.49 2.41 2.79 0.11 .25 1.57 1.11 0.17 2.77 3.57 MOUR A NNE 1.58 1.01 1.01 1.17 3.42 0.74 0.58 3.49 0.73 1.12 2.88 1.09 2.59 2.22 1.24 4.42 0.96 0.16 22.79 1.78 5.77 0.06 4.91 0.79 2.79 2.77 2.77 2.77 2.77 2.78 2.79 1.11 0.17 1.17 3.42 0.74 2.18 2.10 1.00 1.17 3.42 0.74 3.74 0.58 3.49 0.74 3.77 0.71 3.73 4.44 0.96 1.75 3.44 1.66 1.75 3.45 1.66 3.46 3.46 3.46 3.46 3.46 3.46 3.46 3	SAINT LOUIS UNIV SAINT LOUIS WASH U SALEM	1.83 1.87 1.53	0.77	1.88	0.43	4.42 3.65- 3.85-	1.08	3.15- 0.71 4.11- 0.85 3.78- 0.72	3.53 - 0.66 2.98 - 1.7 2.86 - 1.65	2.0 - 1.50 3.14- 2.00 .68- 3.9	1.53- 1.65 1.49- 1.14 .31- 3.15	1.16- 2.76 1.44- 3.66 .63- 3.94	.43 - 3.33 .51 - 2.79 .41 - 3.47	2.47- 0.69 2.58- 0.11 1.88- 1.74	1.01- 2.72 1.29- 1.35	.68- 1.76 .67- 1.30 .73- 1.81	24.91-14 24.91-16 19.15-24
INFSTON LIGHT PARE FARM   4.51   3.46   3.	SFOALIA SELIGMAN SEYMOUR 4 NNE	1.23 .98 1.58	1.02	1.55 .69 1.01	0.59 - 1.15 - 1.17	3.22 5.66 3.42	0.39 2.06 0.24	3.32- 0.41 4.33 0.27 3.74- 0.58	2.61- 1.93 2.77- 2.63 3.49- 1.34	.64- 4.64 .00- 4.99	1.66- 2.78 3.89- 0.23	1.30-3.88 1.12-2.88	2.49 2.41 1.09 2.59 .71 3.31	2.79 0.11 2.22 1.24 4.44 0.96	.25 - 1.37 .94 - 2.15 .90 - 1.99	1.11- 0.17 2.04- 0.16 E 1.20- 1.06	22.17-18 25.73-17 E23.94-19
TOREM 1. 1 1.00 0.00 1.02 0.15 2.73 0.20 3.72 0.20 2.50 2.00 3.00 0.90 3.00 1.45 3.00 1.45 3.00 3.70 1.94 1.92 2.00 0.94 0.75 25.10 1.15 0.90 1.15	IMPSTON THESTON CHOP EXR FARM LOAM CRRINGS	4.46 4.51 1.85	- 0.40	2.05 3.46 1.53	1.17	6.38 7.00 5.91	1.92	4.34- 0.28 4.21 4.42	2.47-1.7 3.23 2.53	1.22 - 2.9	. 3.76 0.00 2.04 1.00	.92- 2.88	.42- 3.46 .49 .61	2.31 - 0.96 2.36 1.62	1.11- 2.45 1.19 1.35	3.43- 0.51 3.35 .91	32.87-14 34.37 E23.64
### TOP   NO.   1.00   2.03   3.00	THEFENVILL TOVER	1.03	- 0.98 - 0.27	1.44	0.15	2.73-7.74	0.11	3.32~ 0.26 3.52~ 0.30 1.45~ 2.96	2.56- 2.0° 1.69- 3.1° 2.71- 3.0°	5.80 1.20 1.39-3.90 2.00-3.90	3.51- 0.60 .59- 2.70 2.55- 0.3	94- 3.10 91- 3.00 7 2.28- 0.7	1.45= 3.05 2.85= 1.22 .86= 2.26	3.72- 0.30 3.04- 0.05	.19- 2.00 .66- 2.12 .82- 2.47	.94- 0.75 1.15- 0.99 .57- 2.13	25.18-13 E22.07-17 22.22-19
2.5	HEFT PPING TARFIG TEC MILES 2 14	.90 .25 2.51		2.03 1.06 1.24	- 0.27	4.50 2.67 6.18	1.00	3.09 2.15 - 1.09 4.18	3.73- 0.P	1.86 2.75 - 2.2 2.11	1.48 2.53 - 1.63 4.26	1.22 3.68- 0.23	7.80 1.85- 2.39	1.84 .48- 2.33 1.24	1.55- 0.19 1.28	1.48 1.15 0.19 1.21	23.85-10 28.81
## 1	ion v ion v ion v bi	2. (5)	- 1.68 - 1.07	2.39	- 1.24	3 . 74 2 . 45 4 . 25	1.02	4.01 1.00 3.95- 0.41 3.05- 0.65	2.81= 1.00 2.11= 2.4 2.9 = 2.20	3.35 - 0.3 2.90 - 1.3 3.04 - 2.1	1.55- 0.80 2.56- 1.30 1.48- 2.60	3.20-0.60 1.36-3.30 83-3.40	1.05- 2.17 1.28- 2.91 1.00- 4.09	2.42- I.06 1.51- 1.62	.53- 2.46 .52- 2.23 .59- 1.61	.64- 1.36 .63- 1.56 1.81 0.10	27.59- 6 24.05-18 E23.64-17
	A\$ A.	1.	- 1. 7	1.071	#5	5.31 2.97		3.86 2.48	2.61 3.11	• 33 • 93	2.41	1.75	-12	1.27	1.39	1.53	23.63

## TOTAL PRECIPITATION AND DEPARTURES FROM NORMAL

#1880URI 1953

	Janu	ылу	Febr	uary	Mar	ch	Ap	nl	Ma	у	Jur	20	Jul	у	Aug	just	Septe	mbei	Octo	bez	Nove	mber	Decer	nber	Ann	ual
Station	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure
, A LL AW 47 C - "Y4 , 4	1.77	0.32	1.78	- 2.03 - 0.10 - 1.00 - 0.35	4.87	1.73			1.85 3.39 2.93 2.38	1.79	2.36	- 2.36 - 2.70 - 0.80	1.55-	0.87 2.42 0.74	1.12	- 2.11 - 2.85 - 2.87	2.01	- 2.82 - 2.77 - 3.29	2.16	- 1.63 - 0.86 - 2.20	.97	2.44 - 1.25 - 1.82 - 1.93	1.25	0.29	F26.00 27.76 E26.73 E24.36	-17.05 -12.96
6 8 W 2 6 6 6 7 E 2 W 7 B POVE	1.29 1.63 59 2.75 2.01		1.63 1.30 1.67 1.19 E 4.39	0.01	3.31 5.47 2.96 3.97 4.19	0.20	4.67 3.31 3.78 6.11 3.47	0.07	1.81 4.09 7.18- 2.26 2.83	2 . 4 3	1.33 .34 2.28 1.06 2.69	- 2.68	.83 .75 1.77- 2.00 2.12	- 2.61	1.20 .26 .88 1.42 2.24	- 2.81	2.59 .43 2.34 .53	- 3.00	2.07 1.61 1.90 2.68 2.68	- 1.40	.58 .97 .83 .71	- 1.45	1.26 1.65 1.14 .90 .70	- 0.44	27.57 21.76 22.18 75.58 E28.62	-17.63
* A % LLE A * SPC % C 1 % B	2.59 2.12- 2.74- 1.81- 1.07	86	2 - 16-	- 2.07 - 0.48 - 1.09	3.67 5.85 5.49 5.76 3.67	1.94 1.59 1.02	3.84 4.27- 4.79 3.37- 4.14	0.07	3.08 3.01- 3.89- 3.50- 3.03	0.58	.97	- 3.22 - 4.86 - 4.17	1.98-	2.06 2.05 0.16	1.96	- 2.25 - 3.38 - 2.85	.14	- 2.41 - 3.23 - 3.76	1.25	- 2.06 - 2.86 - 1.81	1.71	- 2.37 - 1.88 - 2.45	1.55			-20.89 -22.19 -20.47
m average													1.60-			- 3.62 - 2.47									26.10 25.53	

Station	Highest	Date	Lowest	Date		t spring minimu	m of	Fi	ret fall minimum	of		io. of days etween dates	
Station	Hig	Date	DOWN SE	Dete	24° or below	28° or below	32° or below	32° or below	28° oz below	24° oz below	24° or below	28° or below	32° bek
dvance 5 ESE lbany mity nderson 1 SW ppleton City	105 104 105 102 105	6-19+ 8-1+ 8-14 9-28 9-28	7 - 4 - 5 2 - 1	12-19+ 1-16+ 1-16 12-24 12-23	2-22 (15°) 4-17 (24°) 4-20 (24°) 4-20 (21°) 3-8 (24°)	4-19 (27°) 4-20 (25°) 4-20 (24°) 4-21 (28°) 4-20 (26°)	4-21 (30°) 4-27 (29°) 4-20 (24°) 4-28 (29°) 4-27 (32°)	9-22 (31°) 10-27 (30°) 10-7 (31°) 10-29 (32°)	10-30 (29°) 10-27 (28°) 11-5 (23°) 10-29 (27°) 11-6 (24°)	11-6 (21°) 10-29 (24°) 11-5 (23°) 11-9 (18°) 11-6 (24°)	257 195 199 203 243	194 190 199 191 200	1:
rcadia ethany irch Tree lack 6 NW olivar	104 102 104 103 103	7-29 9-28 7-30 7-30 9-29	8 - 3 3 0 3	12-23 1-16 12-24 2-23+ 12-23	4-19 (24°) 4-17 (23°) 4-19 (22°) 4-21 (20°) 3- 4 (21°)	4-21 (28°) 4-20 (25°) 4-27 (29°) 4-21 (20°) 4-19 (29°)	4-27 (32°) 4-27 (29°) 4-27 (28°) 	9-22 (30°) 10-25 (29°) 9-22 (32°) 11-5 (32°)	10-7 (27°) 10-29 (27°) 10-29 (24°) 11-6 (25°)	10-29 (21°) 11-8 (23°) 10-29 (24°) 11-29 (22°)	195 201 191 269	170 185 191 201	1 1
oonville Waterworks rookfield runswick utler utler CAA AP	101 106 104 103 104	8- 1 6-19+ 6-19 9-29 6-12+	- 2 - 3 5 - 1	12-23+ 12-23 1-17+ 12-23 12-23	3-8 (22°) 4-17 (24°) 3-27 (24°) 3-9 (24°) 3-4 (16°)	4-19 (26°) 4-18 (27°) 4-18 (26°) 4-20 (28°) 4-20 (26°)	4-21 (32°) 4-27 (29°) 4-20 (30°) 4-20 (26°) 4-20 (26°)	11-5 (29°) 10-29 (27°) 10-29 (30°) - 11-5 (29°)	11-5 (28°) 10-29 (27°) 11-5 (27°) 11-6 (25°)	11-10 (23°) 11-8 (22°) 11-6 (23°) 11-9 (24°) 12-12 (24°)	247 205 224 249 283	201 194 201 - 200	1 1 1 1
amdenton anton L & D 20 ape Girardeau Mo State aplinger Mills arrollton	105 99 103 104 105	6-19 6-28+ 6-20 6-19+ 6-19	- 3 - 8 6 0 -11	12-23 12-23 12-19+ 12-23 12-23	4-17 (24°) 2-22 (19°) 3- 4 (20°) 3-26 (22°)	4-19 (27°) 4-19 (29°) 4-19 (29°) 4-20 (28°) 4-20 (28°)	4-20 (29°) 4-20 (29°) 4-20 (30°) 4-27 (30°) 4-27 (30°)	10-24 (32°) 10-29 (29°) 10-30 (30°) 10-24 (31°) 10-29 (28°)	10-29 (26°) 10-29 (29°) 11-6 (25°) 10-29 (29°) 10-29 (29°)	11-6 (18°) 11-6 (22°) 11-9 (22°) 11-8 (22°) 11-6 (24°)	203 259 249 225	193 193 201 192 192	1 1 1 1
arthage aruthersville harleston hillicothe Radio KCHI learwater Dam	103 100 102 105	6-12+ 6-16+ 6- 9+ 6-18	6 11 10 - 8 2	12-23 12-24 12-18+ 12-23 12-24	3- 4 (23°) 2-17 (23°) 2-22 (19°) 4-16 (20°) 3- 8 (23°)	4-18 (27°) 2-23 (28°) 3- 9 (28°) 4-20 (29°) 4-19 (27°)	4-20 (29°) 4-19 (30°) 4-20 (31°) 4-27 (31°) 4-27 (32°)	10-29 (30°) 11-6 (32°) 10-30 (31°) 9-22 (31°) 10-8 (29°)	11- 9 (20°) 11- 8 (29°) 11- 6 (28°) 10-29 (26°) 10-30 (29°)	11-9 (20°) 12-15 (24°) 11-8 (22°) 11-6 (19°) 11-9 (20°)	250 301 259 204 245	205 259 242 192 194	1 1 1 1 1
linton 1 NNW plumbia W8 Ap ponception, rystal City 1 N pniphan	103 102 104 104 105	9-29 6-19 9-29 6-19 8-15	- 3 - 7 4 5	12-23 1-16 12-23 12-24	3-5 (19°) 3-26 (24°) 4-20 (24°) 4-19 (20°) 4-19 (22°)	4-20 (25°) 4-20 (29°) 4-20 (24°) 4-19 (20°) 4-21 (26°)	4-27 (30°) 4-20 (28°) 4-20 (24°) 4-20 (29°) 4-27 (29°)	10-7 (32°) 10-29 (32°) 10-27 (26°) 10-25 (31°) 10-25 (31°)	11-6 (23°) 11-5 (28°) 10-27 (26°) 10-29 (27°) 10-30 (24°)	11-6 (23°) 11-8 (24°) 11-5 (22°) 11-7 (22°) 10-30 (24°)	246 227 199 202 194	200 199 190 193 192	1 1 1 1 1 1
ldon Isberry armington armington CAA AP ayette	103 104 102 102	7-27+ 9-30 6-19+ 6-20 7-31	- 1 - 1 - 3 2 - 6	12-23 12-23 12-23 12-18 12-23	3-26 (24°) 3-26 (23°) 3-9 (21°) 3-9 (22°) 3-26 (21°)	4-20 (29°) 4-19 (27°) 4-19 (27°) 4-19 (26°) 4-20 (27°)	4-20 (29°) 4-20 (32°) 4-20 (29°) 4-21 (32°) 4-20 (27°)	11- 5 (27°) 10-30 (29°) 10-25 (31°) 10-29 (31°)	11- 5 (27°) 11- 5 (27°) 11- 5 (28°) 10-30 (27°) 11- 5 (25°)	11-6 (23°) 11-6 (19°) 11-6 (22°) 11-6 (23°) 11-6 (23°)	225 225 243 243 225	199 200 200 194 199	1 1 1 1
ountain Grove Wildlife ulton 4 SW rant City reenville 4 NNW annibal Water Works	101 103 104 104 102	6-19 6-20+ 9- 1 6-19+ 7-29	-10 - 4 - 6 5 - 6	12-23 12-23+ 1-16 12-18 12-23	4-18 (23°) 4-19 (22°) 4-20 (24°) 4-19 (24°) 3-9 (23°)	4-27 (27°) 4-20 (27°) 4-20 (24°) 4-19 (24°) 4-19 (26°)	5-4 (32°) 4-27 (32°) 4-27 (32°) 4-21 (29°) 4-20 (29°)	9-22 (31°) 10-29 (30°) 10-27 (28°) 10-25 (32°) 10-29 (32°)	11- 4 (26°) 11- 5 (28°) 10-27 (28°) 10-29 (28°) 11- 5 (25°)	11- 5 (24°) 11- 6 (22°) 11- 5 (21°) 11- 6 (19°) 11- 6 (23°)	201 201 199 201 242	191 199 190 193 201	
arrisonville ermitage ouston ackson	103 103 103 104 104	6-13 7-29 7-5+ 6-19+ 6-19+	- 9 - 7 - 1	12-23 - 12-23 - 12-24 12-23	4-20 (23°) 4-20 (23°) 2-22 (16°) 3-26 (22°)	4-20 (23°) 4-27 (26°) 	4-20 (23°) 4-27 (26°) 4-20 (31°) 4-27 (32°)	11-5 (28°) 9-22 (27°) 10-29 (27°) 10-29 (32°) 10-29 (27°)	11- 5 (29°) 9-22 (27°) 10-29 (27°) 10-30 (28°) 10-29 (27°)	11- 8 (24°) 11- 5 (24°) 11- 6 (16°) 11- 9 (19°) 11- 8 (22°)	202 199 - 259 227	199 148 - 194 193	
eff City Radio KWOS  oplin CAA AP  ansas City WB AP  ansas City Univ of K C  ennett Radio KBOA  idder	104 104 105 104	9-29 6-11+ 6-11+ 6-11+	7 1 0 -	12-23 1-16 1-16+	3- 4 (24°) 3- 7 (22°) 3- 7 (20°) 4-19 (24°)	4-18 (28°) 4-17 (29°) 4-20 (27°) 4-19 (24°)	4-20 (29°) 4-20 (29°) 4-20 (27°) 4-19 (31°) 4-19 (24°)	11- 6 (31°) 11- 5 (31°) 10-29 (32°) 10-30 (32°)	11- 9 (25°) 11- 9 (28°) 11- 6 (26°) 11- 6 (29°)	12-16 (23°) 12-16 (19°) 11-29 (22°) 11-29 (21°)	287 294 266	205 208 200	1
irksville Radio KIRX irksville CAA AP oshkonong akeside mar	100 102 103 104	7-28+ 6-19+ 6-20 9-29	- 6 - 9 7 4	12-23 12-23 12-23 12-23 12-23	4-18 (24°) 4-18 (24°) 3-8 (23°) 3-16 (24°) 3-5 (21°)	4-20 (26°) 4-20 (27°) 4-19 (28°) 4-19 (26°) 4-20 (27°)	4-27 (29°) 4-27 (31°) 4-20 (30°) 4-27 (31°) 4-20 (27°)	9-22 (32°) 10-28 (30°) 11- 6 (23°) 10-29 (31°) 10-29 (30°)	11-5 (20°) 10-29 (26°) 11-6 (23°) 11-6 (23°) 11-6 (26°)	11- 5 (20°) 11- 5 (19°) 11- 6 (23°) 11- 6 (23°) 11- 9 (21°)	201 201 243 235 249	199 192 201 201 200	
ebanon 1 ENE exington icking 4 N ockwood	103 104 103 103 103	9-28 6-12+ 7-31 9-28 9-28	0 0 0 4 - 4	12-23 12-23 12-23 12-23	4-19 (24°) 3-8 (22°) 4-19 (20°) 3-4 (23°) 3-26 (23°)	4-20 (26') 4-20 (27°) 4-27 (25°) 4-19 (26°) 4-18 (27°)	4-20 (26°) 4-21 (32°) 4-27 (25°) 4-19 (26°) 4-20 (30°)	10-29 (30°) 11- 5 (28°) 10-29 (29°) 11- 6 (22°) 9-22 (32°)	11- 5 (28°) 11- 5 (28°) 11- 5 (28°) 11- 6 (22°) 10-29 (25°)	11-6 (22°) 12-15 (23°) 11-6 (23°) 11-6 (22°) 11-5 (24°)	201 282 201 247 224	199 199 192 201	1
ouisiana Starks Nur acon alden CAA AP arble 8il1 arshall	101 105 103 102	7-28+ 6-19+ 6-19+ 6-18+	-10 10 2	12-23 12-23 12-23 12-18	4-18 (24°) 2-22 (18°) 3-26 (24°) 4-19 (20°)	4-20 (28°) 2-23 (26°) 4-21 (28°) 4-20 (27°)	4-21 (32°) 4-19 (30°) 4-27 (32°)	10-28 (29°) 11- 5 (30°) 9-23 (31°) 10-29 (32°) 10-29 (28°)	10-29 (28°) 11-6 (26°) 10-29 (27°) 10-29 (28°)	11- 5 (18°) 11- 8 (23°) 11- 8 (14°) 11- 6 (24°)	201 259 227 - 201	192 256 191 -	
arshfield aryville emphis exico oberly Radio	102 102 102 103 100	8-15 8- 1+ 6-19+ 9- 2 8- 1+	3 -10 - 5 - 5 - 7	12-23 1-16 12-23+ 12-23+ 12-23	4-20 (19°) 4-18 (22°) 3-27 (23°) 3-26 (23°)	4-20 (19°) 4-20 (27°) 4-20 (28°) 4-20 (27°)	4-27 (30°) 4-21 (32°) 4-20 (28°) 4-20 (27°)	10-27 (26°) 10-29 (29°) 10-29 (30°) 10-29 (30°)	10-27 (26°) 11- 5 (27°) 11- 5 (25°) 11- 5 (24°)	11- 5 (24°) 11- 6 (21°) 11- 6 (21°) 11- 5 (24°) 11- 9 (20°)	199 202 224 224	190 199 199 199 203	
onett ountaia Grove 2 N ount Vernon 3 8W eosho evada	101 103 101 104	6-13 6-12+ 6-15 6-12+ 6-11+	4 6 6 2	12-23 12-18 12-23 12-23	3-8 (21°) 3-8 (24°) 4-20 (24°) 3-4 (22°)	4-20 (27°) 4-20 (27°) 4-20 (24°) 4-20 (28°)	4-27 (32°) 	10-29 (30°) 10-29 (30°) 10-29 (30°) 10-29 (29°) 11-6 (28°)	11- 9 (20°) 11- 6 (21°) 11- 6 (28°) 11- 9 (20°) 11- 6 (28°)	11- 6 (21°) 11- 9 (21°) 11- 9 (20°) 12-15 (24°)	243 246 203 286	200 203 200	1 1 2 2 1
ew Florence regon zark 8cach erryville oplar 8luff	104	9-29 9-28 - 6-20 9- 2	- 4 - 1 5 3	12-23 12-24 12-18	3-26 (22°) 3-8 (24°) 3-9 (24°) 2-23 (24°)	4-20 (26°) 4-20 (25°) 4-19 (28°) 3-8 (27°)	4-27 (31°) 4-20 (25°) 4-21 (32°) 4-21 (32°)	10-29 (29°) 10-27 (26 <sup>d</sup> ) 10-29 (32°) 10-25 (31°) 10-30 (28°)	11- 5 (25°) 10-27 (26°) 11- 6 (28°) 11- 5 (28°) 10-30 (28°)	11- 6 (20°) 11- 5 (24°) 11- 9 (21°) 11- 6 (23°) 11- 8 (24°)	225 242 - 242 258	199 190 - 200 236	1 1 1 2
ortogeville rinceton olla School of Wines t Charles t Joseph W8 AP	104 101 104 105 104	6-20 6-18+ 8- 1 6-19+ 6-18	9 - 5 1 4 - 2	12-24 12-23 12-23 12-23 1-16	2-22 (21°) 4-13 (24°) 4-18 (24°) 3-8 (22°) 3-7 (21°)	2-23 (28°) 4-20 (25°) 4-20 (28°) 3-9 (26°) 4-20 (26°)	4-19 (31°) 4-27 (29°) 4-20 (28°) 4-20 (31°) 4-20 (26°)	9-22 (30°) 11- 5 (28°) 11- 5 (28°) 10-27 (30°)	11-6 (28°) 10-28 (28°) 11-5 (28°) 11-5 (28°) 10-29 (28°)	11- 9 (24°) 10-29 (22°) 11- 6 (23°) 11-28 (18°) 11- 8 (21°)	260 199 202 265 246	256 191 199 241 192	1 1 1 1 1 1 1
t Louis W8 AP t Louis WB City t Louis Univ t Louis Wash Univ alem	104 103 103 104 103	7-30 8-19 8-20 6-20 7-6	5 6 4 3	12-23 12-23 12-23 12-23 12-23+	3- 8 (22°) 2-22 (21°) 2-22 (21°) 3- 8 (23°) 4-18 (24°)	3- 9 (27°) 4-18 (28°) 3- 8 (25°) 3- 9 (27°) 4-20 (28°)	4-20 (31°) 4-20 (32°) 4-20 (32°) 4-20 (32°) 4-27 (31°)	11- 5 (30°) 11- 5 (31°) 11- 5 (32°) 11- 5 (31°) 10-29 (26°)	11-6 (28°) 11-27 (27°) 11-28 (25°) 11-6 (28°) 10-29 (26°)	11-27 (24°) 12-15 (23°) 12-15 (23°) 11-28 (20°) 11-6 (21°)	264 296 296 265 202	242 223 265 242 192	1 1 1 1 1 1
alisbury averton L & D 22 edalia eligman eymour 4 NNE	103 102 101 101 103	6-18 7-28+ 6-18+ 9-28 9-29	0 - 3 5	12-23 12-23 12-23 12-23	3-26 (24°) 3-9 (24°) 3-8 (23°) 3-4 (24°)	4-18 (28°) 4-17 (28°) 4-20 (28°) 4-20 (28°)	4-20 (29°) 4-20 (32°) 4-20 (28°) 4-20 (28°)	10-29 (29°) 11-5 (29°) 10-29 (32°) 10-29 (32°) 10-24 (32°)	11- 5 (24°) 11- 6 (25°) 11- 6 (25°) 11- 6 (26°) 10-29 (25°)	11- 5 (24°) 11- 7 (24°) 11- 8 (22°) 11- 9 (23°) 11-10 (21°)	224 243 245 250	201 203 200 200	1 1 1 1

## TEMPERATURE EXTREMES AND FREEZE DATA

MI880URI 1953

3-Continued.		

	100				Las	t spring minimu	m of	Fi	rst fall minimum	of		lo. of days etween dates	
Station	High	Date	Lowest	Date	24° or below	28° or below	32° or below	32° or below	28° or below	24° or below	24° or below	28° or below	32° or below
	106	6-21	10	12-23+	2-23 (23°)	4-19 (28°)	4-20 (30°)	11- 6 (28°)	11- 6 (28°)	11- 8 (22°)	258	201	200
stos Crop Exp Farm	106	6-20	10	12-23	2-22 (20°)	3-9 (26°)	4-20 (31°)	10-30 (32°)	11- 6 (27°)	11- 8 (21°)	259	242	193
agfield VB AP	101	6-15+	5	12-23	3- 4 (23°)	4-20 (26°)	4-20 (26°)	11- 5 (31°)	11- 6 (27°)	11-28 (23°)	269	200	199
fanville	99	8-30+	- 7	12-23	4-17 (24°)	4-18 (26°)	4-20 (29°)	10-25 (32°)	10-29 (28°)	11- 5 (23°)	202	194	188
t Springs	104	6-19+	- 8	12-23	3-26 (24°)	4-20 (28°)	4-27 (30°°)	10-24 (31°)	10-29 (27°)	11- 6 (23°)	225	192	180
10	103	6-18	- 8	1-16	4-18 (21°)	4-20 (25°)	4-27 (32°)	9-22 (32°)	10-27 (26°)	11- 5 (22°)	201	190	148
toa	102	9-28	- 1	1-16	3-26 (23°)	4-20 (28°)	4-20 (28°)	10-28 (29°)	-	11- 6 (24°)	225	-	191
1 AK	108	7-31	1	12-18	3-26 (22°)	4-19 (27°)	4-20 (30°)	9-23 (32°)	10-29 (25°)	11- 6 (21°)	225	193	156
evilla	99	6-18+	- 4	12-23	4-17 (23°)	4-20 (26°)	4-20 (26°)	10-28 (32°)	11- 5 (22°)	11- 5 (22°)	202	199	191
ailles	-	-	6	12-23	4-19 (20°)	4-20 (28°)	4-26 (32°)	-	-	-	-	-	-
T CAA AP	103	7- 5	0	12-23	3-26 (24°)	4-20 (27°)	4-20 (27°)	11- 5 (23°)	11- 5 (23°)	11- 5 (23°)	224	199	199
apello Dam	104	6-21	9	12-23+	2-22 (17°)	3- 9 (28°)	4-20 (32°)	11- 6 (27°)	11- 6 (27°)	11- 8 (24°)	259	242	200
cosburg Centrel T	103	8-18+	2	12-23		4-18 (27°)	4-20 (29°)	11- 5 (30°)	11- 6 (26°)			202	199
entoe 1 H	104	9- 1+			3-26 (21°)	4-20 (28°)	4-20 (28°)	10-29 (31°)	11- 5 (25°)	11- 6 (20°)	225	199	192
av En 1	-	-	- 5	12-23	3-16 (23°)	4-20 (27°)	4-20 (27°)	10-24 (32°)	10-29 (28°)	11- 6 (23°)	235	192	187
la la	103	8-15+	5	12-23	2-22 (14°)	4-20 (28°)	4-20 (28°)	11- 6 (24°)	11- 6 (24°)	11- 6 (24°)	257	200	200
esville 2 W	104	6-13+	2	12-23	4-19 (19°)	4-27 (26°)	4-27 (26°)	-	11- 5 (24°)	11- 5 (24°)	200	192	-
tar Grovee	102	8-20+	3	12-23	3- 9 (24°)	4-18 (28°)	4-20 (30°)		11- 6 (26°)	11- 9 (24°)	245	202	
gartse	105	7-31	4	12-23	3-8 (21°)	4-21 (27°)	4-21 (27°)	11-6 (24°)	11- 6 (24°)	11- 6 (24°)	243	199 201	199 191
Plains	104	8-15	7	12-23	3-8 (24°)	4-19 (26°)	4-21 (29°)	10-29 (30°)	11- 6 (26°)	11-10 (24°)	247	201	191
ov Springs	104	8-15	5	12-23	3- 8 (23°)	4-20 (28°)	4-21 (30°)	10-24 (32°)	10-29 (28°)	11- 6 (24°)	243	192	186
oor 3 MV	101	6-19	- 1	12-23	3-8 (22°)	4-20 (26°)	4-20 (26°)	11- 5 (27°)	11- 5 (27°)	11- 6 (24°)	243	199	199

## TOTAL EVAPORATION AND WIND MOVEMENT

able 4														
Station		Jan.	Feb.	Mar.	Āpr.	May	June	July	Åug.	Sept.	Oct.	Nov.	Dec.	Annual
slumbie VB Airport	EVAP DEP WIND MAX MIN		- - - -	-	4.52B .10 2998B -	6.14B .99 1787 81.3 56.2	9.04 2.51 1579 94.9 69.1	8.71 1.01 1195 91.6 68.5	7.77B 1.23 1256 90.3 65:0	7.84 3.07 1469 83.9 58.1	4.07 .98 1133 71.7 48.4	-	-	-
akeside	EVAP DEP WIND	1.06B 29 1160	2.11 .35 1344	3.21 31 1569	4.04 -1.34 1724	5.94 41 1102	9.08 1.86 692	7.94 77 470	8.23 .70 1070	7.13 1.58 1059	3.68 25 993	2.54 .21 1564	1.65 .33 2433	56.61 1.55 15180
aist Louis Vashington Univ.	EVAP DEP WIND	=	- -	- 	4.14B .04 1740B	5.30B .37 1035B	7.46B 1.64 832	7.26 .42 651	6.48 .67 612	6.34 1.83 893	2.65 26 599	=	=	=

I and MIN in Table 4 refer to extremes of temperature of water in pan as recorded during the 24 bours ending at time of observation.

	ó		++				- 1	ears		Or C	ened losed		ter		No		**			a	1	0076 0076		OF C	ened losed	1
Station	Index No	County	Drainage	Latitude	Longitude	Elevation	Temp	Precip.	Evap.	Month	Month	tab	les	Station	Index N	County	Drainage	Latitude	Longitude	Elevation	Temp	Precip.	Evap	Month	Month	tc tabi
Advance 5 ESE Albany Alton 8 ENE Amity Amsterdam	0051 0127 0143	Stoddard Gentry Oregon De Kalb Bates	4	37 08 40 15 36 42 38 52 38 21	88 50 84 20 81 17 84 26 94 35	162	2 12	13				1 2 1 2 2 1 2	C1	Kahoka Kansas City *8 Airport K.C. St. John & Elmwood K.C. 75th & Holmes K.C. 37th & Baytown Rd. Kansac City U. of K.C.	4359 4364 4368 4374	Clark Clay Jackeon Jackeon Jackeon Jackeon	6 7 7 7 7	40 25 39 07 39 06 38 00 39 03 39 02	91 43 94 36 94 32 94 35 94 30 94 35	-	11 64					1 2 3
Anderson 1 SW Annapolis 7 8W Appleton City Arcadia Asbton 1 W	0179 0304 0224 0312	McOonald lron St. Clair fron Clark	8 10 8	36 38 37 20 38 12 37 35 40 27	84 27 80 47 94 02 90 37 91 48	80 92 -	0 56	61				1 2 2 1 2 1 2	3 C 3 C	Rennett Radio KBOA Keytesville 4 NE Kldder King City Kirksville Radio KIRX	4481 4505 4544	Dunklin Chariton Caldwell Gentry Adair	4 7 6	36 13 39 27 39 47 40 63 40 13		109	81	45 71		War		1 3 2 2 1 2 2 1 2 3
Auxvasse Ava Ranger Statloo Bedford 1 S Belleview Bernle	0503 0539 0585	Douglas Llvingston iron Stoddard	12	39 00 36 57 39 41 37 41 36 40	81 54 82 40 93 23 80 41 89 58	106 30	ō	10 8 17 8				3 2 2 2	CC	Kirksville CAA AP Kosbkonong La Beile Lakeelde Lamar	4625 4837 4694 4705	Adair Oregoe Lewis Miller Barton	8	40 06 36 35 40 07 38 12 37 30	92 33 91 39 91 55 92 37 94 16	95 59	8 14 58 52 05 22 50 65	53 23 22 72	19			1 2 3 1 2 2 2 1 2 3 1 2 3
Bethany Birch Tree Biack 6 NW Bloomfleld Bollvar	0668 0695 0735 0789	Harrison Shannon Iron Stoddard Palk	10	40 18 36 59 37 37 38 53 37 37	84 02 91 30 90 59 89 58 93 25	107	0 58 0 80 0 1 50	58 60 8 58				1 2 1 2 1 2 2 1 2	3 3 3 C	Lampe Forest Service Lampe 4 NNE - Lathrop 3 8W Lebanon 1 ENŽ Leeper	4732 4773 4825 4844	Stone Stone Clinton Laclede eayne	12 4 9 1	36 34 36 38 38 31 37 41 37 04	90 42	108	90 g 10 65	6 6 6 28			Apr	2 1 2 1 2 3 2
Boonville Water Works Bowling Green Bradleyville Brookfield Brunswick	0858 0878 0980 1037	Cooper Pike Taney Lins Charlton	8 12 4 4	38 58 39 21 36 17 39 47 39 26	92 45 91 12 92 55 93 05 93 08	76		23 8 12 74				1 2 3 1 2 1 2	3	Loss Summit 1 N Lexington Licking 4 N Linneus 2 S Livonia	4904 4918 4878 5014	Jackson Lafayette Texas Linn Putnas	7 3 4 2	38 56 39 11 37 33 39 50 40 29	84 23 93 53 91 54 93 12 92 42	127 63		16				1 2 3 1 2 3 3
Buffalo Bunker Burlington Junction Butler Butler CAA AP	1141 1145 1147	Dallas Reynolds Nodaway Bates Bates	1 7 9	37 38 37 27 40 26 38 16 38 18		84 87	0 4	4				2 2 2 1 2 1 2	3	Lockwood Louislana Starks Nnr. Louislana Lucerne Macedonia Lookout	50 93 50 88 51 21 51 64	Dade Pike Pike Putnam Ripley	6 4 1	37 23 39 26 39 27 40 27 36 45		46	78 47 59 59	73 10 12 9				1 3 3 1 2 3 2 2 2
Camdeoton Campbell Canton Lock & Oam 20 Cap Au Gris Lock & Dam Cape Girardeau Mo State	1221 1275 1283 1291	Canden Ounklin Lewis Lincoin C Girardeau	10 6 6	38 02 36 29 40 08 39 00 37 18	92 45 90 04 91 31 90 42 89 32	-	4 27 8 15	8				1 2 1 2 1 2	3 C	Macon Madison Maiden CAA AP Manefield Marble Hill	51 83 520 5 5227 5253	Macon Monroe Dunklin Wrlght Bollinger	10 12 8	39 45 39 28 36 36 37 06 37 18		29	75 54 97 - 40 58	19 12 8				1 3 3 2 1 2 3 3 1 2 3
Cape Girardeau Caplinger Mills Carroliton Carthage Caruthersville	1304 1340 1356 1364	C Girardeau Cedar Carroll Jasper Pemiscot	9 7 11 6	37 18 37 48 39 22 37 11 36 11	89 32 93 49 93 30 94 17 89 39	75 96	2 19	29 61				1 2 1 2 1 2 1 2 1 2	3 3 3 3	Marsball Marsbfield Martinsburg Maryville Maryville 7 NNW	5307 5319 5340 5345	Ballne Webster Audrain Nodaway Nodaway	12 7 7	39 07 37 20 39 06 40 21 40 25		116	34 h 59 63	9				1 2 3 1 2 3 2 1 2 3
Casswille Ranger Station Centerville Centerville Ranger Station Centralia Chadwick	1467 1472 1482 1490	Barry Reymolds Reymolds Boone Christian	1 1 6 12	36 41 37 26 37 26 39 12 36 56	93 52 90 57 90 57 92 08 93 03	=		13 8 17 17 7				2 2 3 2	С	McCredle 2 W McCredle Exp. Station Memphis Mercer 6 Ne Mexico	5415 5492 5519 5541	Callaway Callaway Scotland Mercer Audrain	6 4 6	38 58 38 57 40 27 40 33 39 10		76	57 14 00 64	5	1			1 2 3 2 1 2 3
Charleston Chillicothe 2 S Chillicothe Radio KCH1 Clarksville Lock & Oum Clearwater Dam	1580 1585 1640 1674	Mississippi Livingston Livingston Pike Wayne	4 6 1	36 56 39 45 39 46 39 22 37 07	89 21 93 33 93 33 90 55 90 47	77	2	38				1 2 2 1 2 1 2	3 C	Middletown 5 NE Millan Miller 2 SE Moberly Radio KNCM Monett	5578 5594 5671 5700	Pike Sullivan Lawrence Randolph Barry	10 S 8	39 10 40 12 37 11 39 24 36 55		128	50 16	6				1 2 3 1 3 3
Clifton City Clioton 1 NNW Coloma Columbia WB Airport Columbia 9 NW U of Mo.	1711 1773 1790 1800	Cooper Henry Carroll Booce Boone	9 4 7 7	38 45 38 22 39 31 38 58 38 59	93 02 93 47 93 33 92 22 92 28	77	-	13 9	9		F ep	1 2 2 1 2 1 2 1 2		Monroe City Mora Morebouse Moselle Mountain Grove 2 N	5754 5762 5816 5834	Monroe Benton New Madrid Fraoklin Wrlgbt	3	39 39 38 32 36 51 38 23 37 09	90 54 92 16	146	53 52					3 3 3 1 2 3
Conception Concordia Cook Station Crane Mountain Crocker	1870	Nodaway Lafayette Crawford 1ron Pulaski	7 5 10 9	40 16 38 59 37 48 37 27 37 57	94 41 93 34 91 27 90 38 92 15	110 78 - -		36 9 9 22				1 2 2 2 2 2 2	3	Mount Vernoo 3 SW Neosho Nevada New Boston New Florence	5976 5987 5999	Lawrence Newton Vernon Linn Montgomery	7	37 04 36 52 37 50 39 57 38 55		101	74 41 11 66 52 60 80 10	61 5 11				1 2 3 1 2 3 1 2 3 2 1 2 3
Crystal City 1 N Cubn Danville 1 ENE Deering De Soto	2095 2156	Jefferson Crawford Montgomery Femiscot Jefferson	5 7 10 6	38 14 38 04 38 55 36 12 3h 09	90 23 91 24 91 31 89 53 90 34		1	16 11 9		Aug		1 2 3 2 2	З С	New Madrid Novinger 1 E Oats Tower Odessa Oregon	6170 6263 6269 6357	New Madrid Adalr Reynolds Lafayette Bolt	7	36 35 40 14 37 32 39 00 39 59	95 09	109	93 97	59 5 8 5 97			Oct	2 1 2 3
Oexter Doniphan Doniphan 2 W Dora Oowning	2289 2294 2302 3318	Stoddard Ripley Ripley Ozork Schuyler	1 1 12 6	36 47 36 37 36 37 36 46 40 29	89 58 90 50 90 51 92 13 92 22	1 :	4 49	29 49 8				1 2 2	3 C	Oregon 1 NE Oscooln 3 NE Owensville Ozark Ozark Beach	6407 6438 6452 6460	Nodaway St. Clair Gasconade Christian Taney	12 12	39 59 38 05 38 21 37 01 36 40	95 08 93 39 91 30 93 13 93 07	93	35	12 8 28				2 1 2 3
East End Edgerton Edina Eldon Eldorado Springs	2474 2482 2503	lron Platte Knox Miller Cedar	7	37 41 39 30 40 10 38 20 37 52	91 02 94 98 92 10 92 35 94 01	93		24				1 2 2 1 2 1 2 2	3	Pacific Palmyra Paris Parma Pattonsburg	6493 6509 6532	Frank11n Marlon Monroe New Madrld Davless	6 10	38 39 39 48 39 29 36 37 40 03	90 44 91 30 92 00 89 48 94 09	= = = = = = = = = = = = = = = = = = = =		64 47 23 29				2 2 2 2 2
Elljab Elllngton Ellshore Elsherry Emlnence 3 NNW	2547 2563 2591	Ozark Reynolds Carter Lincolo Shannon	1 1 6	36 36 37 14 36 56 39 10 37 11	92 09 90 59 90 45 90 47 91 23	44	9 22	8 13 9 22				2 2 2 1 2	с 3 с	Perry Perryville Pierce City Pleasant Bili Polo	6641 6678 6748	Ralls Perry Lawrence Coss Caldwell	6 8 9 7	39 26 39 43 36 57 38 48 39 33	94 00 94 17		8 7					1 2 3 2 3 2 2
Falrfax Farmington Parmington CAA AP Fayette Fisk	2809 2811 2823	Atchison St. Francols St. Francols Roward Butler	10	40 20 37 47 37 46 39 09 36 47	95 24 90 26 90 24 92 41 90 14	89	8 4 73	4				1 2 1 2 1 2 1 2 2	3	Popinr Sluff Portageville Potosi 2 S Princeton Puxice	6799 6826 6866	Butler New Madrld Washington Mercer Stoddard	6 4	36 45 36 26 37 54 40 24 36 57	90 23 89 41 90 47 93 36 90 10	28 - 83	12 48 12 1 15 1	1				1 3 3 1 3 3 1 2 3
Foreyth Fountain Grove Wildlife Frederick*own Fremont Tower Fulton 4 Se	2995 3038 3052	Taney Livingston Madison Cartor (allaway	10	36 41 39 42 37 33 36 58 38 51	93 06 93 18 90 17 91 14 91 57	67 - 81		28				1 2 2 2 1 2		Quiln Reymolds Richmond 7 N Richwoods Ridgeway 1 SE	7094 7114 7122	Butler Reynolds Ray Washington Harrison	7 5	36 36 37 24 39 23 3b 09 40 22	90 15 91 05 93 58 90 50 93 56			8 9 10 11	P			2 3 2
Galena Gallatin 2 NE Gerald Gower 2 N Granby	3102 3178 3300	Stone Onviesk Franklin Clinton Newton	4 5 7	36 48 38 58 38 24 39 39 38 55	93 38 93 57 91 20 94 36 94 15	98	5	41 51 12 9				2 2 2 . 2	С	Rohy Rogersville 1 ENE Rolla School of Mines Rolla 5 SE Rolla 3 W	7255 7263 7264	Texas eebster Phelps Pbelps Pbelps	14 3 5 3	37 30 37 07 37 57 37 54 37 57	92 08 93 03 91 46 91 43 91 50	120	2 53	69	l			1 2 3
Grant City Greenville 4 NNW Gregory Landing Grovospring Halley	3451 3483 3483	Worth Wayne Clark Wright Barry	10 8 3	40 28 37 11 40 16 37 24 36 42	81 30 92 37	41	4 49 44					1 2 1 2 2 2 2	л с 3	Rolla 4 8E Rolla 7 S Round Spring Saint Charles Saint James 3 NW	7267 7309 7397 7424	Pbelps Phelps Shannon St. Charles Pholps	5	37 56 37 51 37 18 38 47 38 01	91 43 91 46 81 25 90 29 91 40	49	0 65	9 75				1 2 3
Hamden 2 NK Hannibal Hannibal Cator Works Harris Harrisonville	3598 3801 3641	Chariton Marion Warlon Bullivan Cams	6 8 4 9	39 36 39 42 39 41 40 18 38 39	82 47 91 21 81 21 93 21 94 20	75 71 - 90	3 61					3 1 2 1 2	C	Saint Joseph WB AP Baint Louis WB AP Baint Louis WB City Saint Louis University Baint Louis Wash, Univ.	7460	Bucbanan Saint Louis St. L. City St. L. City St. L. City	6	39 48 38 45 38 38 38 38 38 39	94 55 90 23 90 12 90 14 80 19	55 46 57 53	8 41	22 16 41 13	15			1 2 3 1 2 3 1 2 3 1 3 3 1 2 3
Harlegreen 2 W Honrietta Rormann Rormiinge Migbre 5 R	3778 3783 3799	Encledo Ray Oasconade Blckory Howard	7 7 8	37 48 39 14 38 42 37 56 39 14	82 27 93 56 91 27 93 18 92 30	88	3	4 79 3				2 3 1 2	c	Sales Sallmbury Soverton Lock & Dam 32 Sedalia Seligman	7514 7578 7632	Oent Charlton Ralls Pettls Rarry	6 7	37 38 39 26 39 38 38 42 36 31	91 33 92 48 91 16 93 14 03 56	72 47 91	06 49 72 15 0 40 12 52	7 15 42				1 2 3 1 2 3 1 2 3 1 2 3 1 2 3
Highpoint 2 Se Hornersville Houston Rouston 1 BE Jackson	3989 4019 4021	Monitonu Dunklin Toxas Toxas C Girardeau	3	38 28 36 03 37 20 37 19 37 23	92 37 96 08 91 58 81 58 80 40	- 42	g 62					1 2	C	Seneca Seymour 4 NNE Sbelbina Shelhywlile 81keston	7674 7720 7728	Newton eebater 8helby Shelby Scott	6 8	38 50 37 12 30 41 30 48 36 53	94 37 82 45 92 03 92 02 88 35	77	10 47 19 12 8 48	80				1 2 3 1 2 3 2 1 2 3
Jaif City Radio EWOS Jefferson City Jerome Jesett Joplin (AA AP	4291 4299	Cule Cole Phelpa Wadinon Jaaper	7 3 10	38 35 38 34 37 56 37 23 37 :0	92 12 92 11 91 58 90 39 94 30	71	o	51				1 2 2 2 1 2	c	Bikeston Crop Exp.Fs. 811cas Rprings 8kidanre Bpeed 2 * Bpring City	7780 7813 7860	New Madrid Nowell Nodaway Cooper Wewton	12	36 51 36 48 40 17 38 51 38 59	89 35 92 04 05 05 92 50 84 32	-	3	3 9				1 2 3

### STATION INDEX

Station	Index No.	County	Drainage t	Latitude	Longitude	Elevation		Precip.	i		Refer to tables	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation		Precip.	or c	Wonth closed day.	Refer to tables
ingfield WB AP Aborty elvilla 3 8 Afterville	8003 8043 8051	Greece Gestry Crasford Lesle Carroll	5 3	37 1 40 1 38 0 39 5 39 2	94 3: 0 91 2: 8 91 5:	650	65 55	12			1 2 3 C 2 C 1 2 3 C	Vienna 3 NW Viila Ridge 3 NW Waco Wappapello Dae Warrenaburg Cent. T. C.	8630 8884 8700	Marine Franklin Jaephr Waynn Johnnon	11 10	38 13 38 29 37 14 38 55 38 46	90 55 84 35 90 15	475	14 86	7 14 73			C C C 1 2 3 C 1 2 3 C
vor lione 2 E marcvilla sor 2 2V wt Springs	8171 8184 8188	Frankile Texas Liviegaloe Sailev	5 1 4	36 2 38 1 37 1 39 3 38 5	91 04	-	12	20 12 9 5 12			2 C 2 2 1 2 3	Warrenton 1 N Warnaw No. 1 Warsaw No. 2 Washington 3 6 Wanola	8733 8738 8746	Earren Snnton Snnton Franklin Ozark	9 7	38 48 38 15 38 15 38 31 38 47	93 21	887	71 -	63 58 38			1 2 3 1 2 3 2 0 1 2 3 C
tin tanoh 2 W tat 4 HE taloh W	8313 8412 8444	Atchisos Omark Douglas Grundy Liscois	12 12 4	40 2 36 3 36 5 40 0 36 5	7 92 13 8 92 13 6 93 3	840	57	2 6 9 58 22			1 2 3 G 2 2 1 2 3 C 2	Waynneviil 2 & Waynneviil 2 & Webster Grovne Whingarten Whost Plainn	8777 8791 8799	Lafayetta Puleski Saint Louin St Gammelava Bownli	3 6 6	37 49 38 35 37 53	93 31 92 14 90 22 90 13 91 51	805 507 833	7 7 12 18	38 7 8 13 18			2 1 2 3 1 2 3 1 2 3 1 2 3 C
mae 2 8 im 1 88 im 1 1 8 im 1	8515 8523 8581	Texas Franklle Puleam 6aist Louis Cartar	5 2 5	37 1: 36 2: 40 2: 36 3: 38 5:	93 00	520 1062	15	36 80 38 18			1 2 3 1 2 3 2 2	williamnburg Williamnwilln Willow Springn Willow Springn Forent Ser. Bindsor 3 NW	8984 8995 9000	Callaway Wa7nn 8own11 8own11 Johnson	1 12 1	38 58 38 59 36 59	91 43 80 33 91 59 91 58 93 33	1238	12	28 48			C 1 2 3 1 2 3
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1. Black 2, Charlton 3, Gasconade 4, Orand 5, Meranec 8, Minnissippl 7, Minsourl 8, Mnosho 9, Osage 10, Saint Francin 11, Salinn 12, Spring 13, Tarklo 14, White

#### REFERENCE NOTES

alors otherwise indicated, dimenaional units used in this hulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in miles.

in four digit identification numbers in the Index are assigned on a state hasis. There will be no duplication of numbers within a state.

guree and latters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

ts for racordar atations denoted by "C" are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder-only ations any ha found in the annual iesue of "Bourly Precipitation Data".

- No racord.
- . Also latar date (datae) or months.
- · Amount included in following measurement.
- // Gage is equipped with a windshield.
- B Adjusted to full month.
- E Amount is wholly or partially estimated.
- I Laza than a complets month of record available; if average value is entered, less than 10 days of record are missing; see monthly Climatological Data for detailed daily record.
- B Data from recording gage.
- Trace, as amount too small to measure.
- V Includes total for previous month.

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WRPC, KANSAS CITY, MO. -- 4-21-54 -- 1080

#### CHANGES IN STATION NAMES

#### NEW NAME

Danville 1 ENE Rogersville 1 ENE

#### OLD NAME

New Florence Rogersville

#### DATE

August July

#### RELOCATIONS

Bernie Danville 1 ENE Edgerton Galena Gower 2 N Granby Granby Jerome Jerome Lamar Livonia Pattonsbur Rogersville 1 ENE Stover Sweet Springs Trenton Waverly

Equipment moved 0.3 mile NNW
Recording gage moved 3.4 miles WNW
Equipment moved 0.2 mile ENE
Rain gage moved 0.5 mile ESE
Recording gage moved 295 feet NW
Rain gage moved 0.15 mile SSE
Equipment moved 60 feet NNE
Rain gage moved 0.1 mile E
Rain gage moved 50 feet S
Shelter moved 0.1 mile NW & gage 0.3 mile NE
Recording gage moved 64 feet NW
Equipment moved 75 feet S

Recording gage moved 64 feet NW
Equipment moved 75 feet S
Equipment moved 0,8 mile NE
Equipment moved 122 feet S
Equipment moved 120 feet SSW
Equipment moved 0.17 mile WNW
Equipment moved 0.1 mile NW

March 5 August 11 October 23 May 18 October 27 April 25 December 3 September 10 October 12 December 4 September 9 June 24 July 24 October 14 May 28 September 18 May 27

MISSOUR Hourly precipitation data from recorder stations will be available in the publication "Hourly Precipitation Data" 92 Wledgor 3NW Osceola 3NE 288 Lang Stilwell O Mound City Port Scott Ch Cygne STATION LEGEND Section Section 96 000 39 38 37

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nat. West.

1.03 VMS, 581

## U. S. DEPARTMENT OF COMMERCE SINCLAIR WEEKS, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

## CLIMATOLOGICAL DATA

n. 7 1954

**MISSOURI** 

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#### MISSOURI - JANUARY 1954

H. F. Wahlgren, Section Director - St. Louis

## WEATHER SUMMARY

The trend to above-normal temperatures and below-normal precipitation continued when January became the ninth consecutive month of warmer-and-drier-than-normal weather. Precipitation totals reported for January were extremely varied. While the southeast quarter recorded amounts of 4-6 inches, the drought-stricken north-west experienced totals less than one-tenth of an inch. New Madrid, in the south east corner, recorded 6.06 inches, which was the greatest monthly total for the State. In the Northwest sector, Gallatin reported one of its driest months on record--recording only a trace of rain for the entire month. Amity, Appleton City and Unionville indicated the greatest negative departures with over 1.50 inches below-normal precipitation. Above-normal precipitation was experienced by Wappapello Dam and West Plains with 2.23 inches and 1.90 inches above normal, respectively. The State average precipitation was 1.73 inches, or 0.58 inch below normal.

Average temperatures were generally above normal, the State average being 31.9° or 1.1° above normal. Appleton City in the Southwestern Division recorded the highest temperature, 73° on the 8th. Sub-zero temperatures were observed on the 12th and 21st. In the Northern Division, Conception and Grant City recorded 12° below zero on the 21st. The greatest departures from normal were at Warrensburg, with 4.4° above normal, and at Macon, with 3.7° below normal. The greatest monthly range of temperatures was experienced by Tarkio with a low of -11° and a high of 63°. Caruthersville reported the highest monthly mean temperature, 40.5°, while Memphis, in the northeast corner, reported the lowest mean, 23.5°. The coldest days were the 11th, 17th and the 21st. Most stations reported their lowest monthly temperature on one or more of these dates.

Snow fell on 9 days in January, with the heaviest concentration occurring at Joplin, where 9.0 inches was reported for the month. Sleet and glaze were almost State-wide on the 20th and 26th. Hail, approximately marble size, was reported at Saverton, Buffalo, and Gerald on the 26th. A low pressure area, moving rapidl northeastward on the 26th, gave rise to considerable thunderstorm activity in all divisions of the State. In addition, a combination of glaze, sleet and rain on this date, resulted in extremely hazardous driving conditions on most Missouri Highways.

The continued lack of appreciable precipitation, especially in the Northwestern area, increased water hauling for livestock and aggravated already depleted subsoils. The Southeast Division received substantial amounts of rain throughout the month, which aided materially in the growth of winter wheat and pastures. Topsoils, which were adequately supplied with moisture during the early part of the month, dried out rapidly as sub-normal precipitation continued in most divisions, at the close of the month. Except for the southeast, very little plowing was accomplished. due to dry soil. Runoff for most areas continued to be deficient Gasconade River at Jerome was at a record seasonal low for the third month in succession.

A heavy thunderstorm occurred from 3-6 p.m. on the 26th in St. Louis and St. Loui County. Damage was confined to roofs, sidings, signs, and windows.-- JPC

# SUPPLEMENTAL DATA

MISSOURI JANUARY 1954

	Wind	direction		Wind m.	speed p. h.		Relati	ve humi				Numb	per of d	ays with	precipi	itation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6;30A CST	12;30P CST	6:30P CST	Trace	.01–.09	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to st
A a: AP	S	13	10.5	33	NW	15	70	75	59	62	10	3	. 2	0	0	0	15	56	6.4
TY WB AP	Nh	14	9.4	38	S	18	67	73	60	56	10	3	0	0	0	0	13	46	6.2
WO AP	-	-	11.5	43	N	20	-	71	56	55	3	5	0	0	0	0	8	58	6.1
WB TITY	st	20†	12.2	35	5	23	74†	76†	63†	67†	4	3	0	2	0	D	9	50	6.4
HEATHER WE AP	SSE	19	13.8	40	W	4 .	75	79	66	68	3	9	2	1	D	D	15	43	6.8

† -- airport data

# COMPARATIVE DATA

JANUAR

do 1																			•	JANUARY
	Т	emperatu	ire	P	recipitatio	on.		To	emperatu:	re	Pı	recipitatio	on		Te	emperatu	re	P	recipitatio	n
foar	Average	Highert	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average snowfall	
888 889 890 891 892	21.5 31.8 33.8 34.1 24.0	74 69 81 74 67	-32 - 2 -19 - 1 -31	2.14 2.53 5.18 1.63 1.87	4.3		1913 1914 1915 1916 1917	33.1 38.1 29.1 31.6 32.9	74 78 76 72 76	-12 - 1 -24 -24 -10	4.18 1.45 2.88 <u>7.66</u> 1.53	2.6 1.0 5.4 3.4 2.3		1938 1939 1940 1941 1942	33.1 39.0 15.5 34.7 31.1	75 74 55 70 74	- 9 - 5 -28 0 -24	2.93 2.74 1.35 3.41 1.66	0.3 8.1 12.4 4.4 3.4	
893 894 895 896 897	22.5 31.4 24.7 32.9 28.4	66 77 78 71 72	-14 -35 -22 - 9 -16	0.45 2.48 1.66 1.19 5.24	2.4 2.7 9.4 3.1 4.0		1918 1919 1920 1921 1922	16.4 34.0 28.6 37.1 29.5	67 70 72 74 66	-24 -23 - 5 - 1 - 6	1.72 0.44 1.72 1.88 1.33	16.6 1.4 5.7 5.4 3.9		1943 1944 1945 1946 1947	31.1 35.7 30.0 33.8 34.9	81 77 65 71 79	-23 - 6 -12 -15 -28	0.39 0.63 1.08 3.12 1.30	3.0 1.3 5.4 0.8 3.5	
898 899 900 901 902	34.3 30.2 34.5 35.0 30.1	75 70 77 72 72	-10 -21 - 9 -11 -17	4.11 1.93 1.28 1.31 1.36	8.4 4.0 0.2 0.8 6.9		1923 1924 1925 1926 1927	39.2 24.9 29.7 32.7 30.8	75 68 65 70 73	3 -25 -15 -20 -24	2.58 1.59 1.05 1.93 3.05	0.6 5.7 4.7 4.2 3.6		1948 1949 1950 1951 1952	25.7 30.9 35.7 32.6 36.0	73 73 85 79 78	-22 -24 -15 -12 - 8	2.24 6.37 5.52 2.28 1.35	7.5 7.2 2.1 2.6 2.0	
903 904 905 906 907	31.4 27.0 22.3 35.6 34.3	73 66 72 77 79	-11 -23 -19 - 8 - 5	1.49 3.01 2.04 3.44 5.04	5.0 7.4 6.8 9.2 2.8		1928 1929 1930 1931 1932	33.3 25.1 20.8 36.0 36.4	77 72 73 76 73	-18 -13 -31 - 5 - 7	0.97 3.51 4.62 0.74 3.56	0.5 6.8 13.0 2.0 1.0		1953 1954	35.2 31.9	75 73	-10 -12	1.57 1.73	2.4	
908 909 910 911 912	34.4 33.7 32.3 34.6 20.0	68 83 78 78 70	-10 -20 -24 -19 -36	1.67 2.36 1.82 0.84 1.22	3.6 6.5 3.5 0.7 6.5		1933 1934 1935 1936 1937	41.4 36.1 33.0 24.4 28.5	72 71 71 74 70	8 - 6 -12 -25 -15	2.56 1.34 2.57 1.01 6.38	0.5 1.5 0.5 7.6 4.3								
													·	-			-			

AGES FOR THE PERIOD FROM 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR

					Ten	npera	ture									P	recipi	itation				
Station					nal					iys	No	of I	Days		nal	Day		Snow,	Sleet, I	lail	No.	
Station		Average	Āverage Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Above Above	5 t 5	Min.	Total	Departure From Norm	Greatest D.	Date	Total	Max. Depth on Ground	Date	Z	.50 or More
NORTHERN DIVISION																						
ALBANY AMITY BETHANY BROOKFIELD BRUNSWICK		37.8 38.8 37.9 41.0 41.5	13.1 14.9 12.6 17.2 18.1	25.5 26.9 25.3 29.1 29.8	•5. 3•1	59 60 59 60 64	8 8 8 8 8	-10 - 9 - 9 - 3 - 1	21 21 17	1218 1173 1227 1101 1081	00000	9 2 11 3 7 2	30 3 30 4 30 4 29 3	.02	79 -1.53 -1.16	.04 .02 .01 .73	26 27 21+ 20 27	1.0 T	1 0 1	26 27 27	0 0 0 1 2	00010
CANTON L & 0 20 CARROLLTON CHILLICOTHE RAOIO KCHI COLUMBIA WB AP CONCEPTION	R	37.3 40.3 39.8 40.0 39.0	15.9 17.3 16.3 20.5	26.6 28.8 28.1 30.3 25.5	8 3.7 .5 .8	52 62 61 63 58	2+ 8 8 8 8+	- 3 - 4	21 12+	1181 1115 1139 1070 1216		8 3	31 3 31 3 29 3 28 0	.27	-1.25 71 79 73	.42 .20 .75 .52	27 20 20 26 26	1.1 T 1.5	1 1 7 2 1	27+ 1 1+ 26 26	2 1 1 2 0	0 1
EOGERTON ELSBERRY FAYETTE FOUNTAIN GROVE WILOLIFE FULTON 4 SW		40.5 38.5 42.2 41.9 40.1	15.9 18.0 18.0 16.0M 17.9	2'8.2 28.3 30.1 29.0M	1.3 -3.3 3.1	62 61 64 62 60	8 9 8 9	- 1 - 6	21 12 12+ 21 12+	1131 1072 1116	0	12 2 8 2 7 3	30 2 29 1 29 2 30 0	.82	15 -1.35 -1.31 -1.33	.68 .53 .38 .68	20 27 26 20 20	.3 1.0 1.0 T	0 1 1 T	27 26+ 1+ 27+	1 2 1 2 2	1 0 2 0
GRANT CITY HANNIBAL WATER WORKS KANSAS CITY W8 AP KIODER	R	36.3 37.0 39.4	12.3 17.8 19.1	24.3 27.4 29.3	5 7	57 56 62	8+ 8 8		21 12 21	1254 1160 1101	0 0	9 2	1 7 2 1	1.02	93 70 -1.38	.04 .53 .02	27 26 25+	1.5	1 2 1	26+ 26 26	0 2 0	
KIRKSVILLE RAOIO KIRX KIRKSVILLE CAA AP LATHROP 3 SW LOUISIANA STARKS NUR MACON . MARYVILLE	R	41.6	13.5 16.8M 19.0 11.2M	25.8M 24.3 28.5M 30.3 23.8M	2.2	59 62 58 58	8 8 1+ 9	- 5 - 7 0 - 6	12+ 17	1253 1128 1070	0 0 0	8 2 8 2 12	19 2	.70	-1.45 76	.31 .80 .37	20 20 20 20 36	.5 T T T 2.0	0 0 0 2 T	27	1 2 2 0	0 1
MEMPHIS MEXICO MOBERLY RAOIO KNCM NEW FLORENCE DREGON		35.1M	11.9M 17.0 17.8 20.0 13.8	23.5M 28.4 28.9 30.9 25.2	1.7 5 .4 .9	57 59 63 60 59	9 8 8 8	-11 - 5 - 1 - 1 0 -10		1111 1050 1227	0	12 2 11 2 8 2 8 2	9 6 9 4 9 4 19 2 17 2	.37	99 -1.16 -1.31 -1.38 89	.01 .30 .37 .38 .45	26 20 26 26 26 26	.3 T 1.0	T T 1 1 1 T	26+ 27 14+ 26+ 26+ 19+	1 2 1 2 0	0 00000
PRINCETON 51 CHARLES SAINT JOSEPH W8 AP SALISBURY SAVERTON L & O 22	R	39.2 44.6 36.9 41.2 40.3	12.1 23.0M 13.9 18.6 20.8	25.7 33.8M 25.4 29.9 30.6	2.8 -1.7 2.3	59 66 59 63 58	8 8 8+ 8	-10 4 - 7 0 1	21 12 21 12+ 12+	1210 968 1219 1082 1063	0	7 10 3 8 2	1 3 8 2 8 0	1.29 .07 .72	86 -1.08 57	.61 .02 .55	27 19+ 26 27	.0 .3 .4 1.0 2.5	T T 1 2	14 13+ 26+ 27+	03022	0 1 0 1
SHELBINA STEFFENVILLE TARKIO TRENTON INIONVILLE		39.8 39.2 37.0 38.0 35.7	17.7 16.7 11.1 16.0 13.5	28.8 28.0 24.1 27.0 24.6	.6 1.2 .7 1.1	58 58 63 61 57	8 8 29 8	-11	21 20	1116 1140 1260 1169 1243	0	8 3 8 3 10 3 8 3 10 3	1 7	.69	86 -1.32 73 -1.25 -1.59	.38 .35 .01 .07	27 27 25 21 20	1.0 1.3 T	1 1 T 0	27+ 27+ 13+	2 2 0 0 0	00000
VANOALIA VARRENTON 1 N DIVISION		43.2	21.3M	32.3M 27.6	3.1	62	8	1	12	1019	0	8	0	.82	-1.37 -1.06			.4	Т	14+		
SOUTHWESTERN OIVISION																						
ANOERSON'I SW APPLETON CITY BOLIVAR BOONVILLE WATER WKS BUTLER		50.0 45.0 45.8 38.4 45.9	22.5 20.9 23.5 17.1 21.3	36.3 33.0 34.7 27.8 33.6	1.7 .8 -1.3	70 73 67 63 65	7 8 7 9 25	- 3 4 4 0 3	22 12+ 12 18 12+	883 987 934 966	0 0 0 0 0	6 2 6 2 11 2	6 1 8 0 4 0 9 1 6 0	.29 1.66 .89	87 -1.55 27 83	.60 .15 .92 .75	20 20 26 27 20+	.5 1.0 1.0	4 1 1 1 T	22 26 26+ 27+ 27+ 22+	4 2 2 2 0	2 0 2 1 0
BUTLER CAA AP CAMOENTON CAPLINGER MILLS CARTHAGE CLINTON 1 NNW		46.6	19.8 19.6 21.9 22.6 17.8	30.6 33.4 34.3 35.0 29.4	-2.3	65 67 69 70 65	8 7 7+ 7 9	- 1 4 2	21 12 12 23 12+	1059 973 946 924	00000	7 2	0 0 7 1 6 0 6 .0	1.43	-1.30	.11 .74 .33 .90 .80	20 26 20 27 19	.3.	T 2 1 6 T	16+ 26 26 22 18+	1 2 2 4 2	0 1 0 1 1
ELDON HARRISONVILLE HERMITAGE JEFF CITY KWOS JOPLIN CAA AP		44.5 42.1 46.6 44.0 45.0	22.3M 20.6 16.8M 21.1 25.3	33.4M 31.4 31.7M 32.6 35.2	2.3 4.1 2.8 .3	65 65 68 62 69	8 8 7 8 7	3	12 21 12 12+ 21+	978 1036 1030 1000 918	0 0 0 0 0	7 2 6 2 7 3 8 2 8 2	28 1 30 1 27 0	1.38 1.38	97 -1.40 -1.31 23	.32 .09 .82 .34	20 27 20 20 26	1.0 T	1 1 7	26+ 21+ 27+ 22	2 0 4 2 4	0) 0 1 0 2
K C UNIV OF K C LAKESIOE LAMAR LEBANON 1 ENE LEXINGTON		39.8 43.5 44.8 45.7 37.6	18.2 19.0 20.7 22.9 16.7	29.0 31.3 32.8 34.3 27.2	-2.8 -1.7 .7 1.8 6	60 65 72 66 62	8 9 7 9	3 2	21 12+ 21 12 21	946	0 0 0 0	7 2 7 2 7 2	9 3 8 0 16 0 14 0	1.03 .68 2.26	-1.49 -1.15 -1.15 38 -1.18	.04 .38 .38 1.28 .30	26 20 22 27 20	.8 2.0 1.0	0 1 2 T	27+ 22 27+	0 3 2 2 1	0 0 2 0
LOCKWOOO MARSHALL MARSHFIELO MONETT MOUNTAIN GROVE 2 N		47.4 45.3 45.5	23.1 22.9 23.4	35.3 34.1 34.5	2.0	70 65 63	8 7 7+	3	12 12 12	914 952 939	0 0	7 2	6 0 5 0 7 0	1.61	33	.62 .80	20 26 20	5.5 .5 5.5	5 1 4	22 21 10	2	2 2 1
MOUNT VERNON 3 SW NEOSHO NEVAOA OZARK BEACH SEDALIA		46.5 49.4 45.2 49.2 44.7	23.6 21.9M 23.1 21.6 21.1	35.1 35.7M 34.2 35.4 32.9	1.8 .6 2.3 6.5	68 70 67 72 65	8	7 - 4 5 10 2	12+	921 919 948 990	0 0 0 0 0	5 2 6 2 6 2	24 (25) 25 (28) 26 (26)	2.91	87 .44 -1.48 20 -1.56	1.01 1.35 .12 1.10 .41	26 26 27 20 20	5.0	3 7 1 3	22 22+ 22 22	4 4 2 4 2	1 2 0 <sup>1</sup> 2

BLE 2 - CONTINUED

BLE 2 - CONTINUED					Ten	apera	ture	_					_	Т			P	recip	itation				-	_
_											No	o. oI l	Days	1					Snow,	Sleet, I	Tail	No.	of I	Days
Station		. 6	. 6		orma					Days	Ma	х.	Min.	j		rture Normal	. Day					θ	More	
		Average	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree	90° or Above	32° or Below	Below O or	Total		Departure From Nor	Greatest	Date	Total	Max. Depth on Ground	Date	Σ	.50 or M	1.00 or More
LIGMAN YMDUR 4 NNE PRINGFIELD WB AP MEET SPRINGS RSAILLES	R	47.8M 44.2 44.1 42.9 43.8	25.5M 22.8 23.4 18.3 21.7M	36.7M 33.5 33.8 30.6 32.8M	1.6 5 1.1	66 64 68 66 65	7 7 7 8 8	5 1	22 12 12 12+ 12+	873 971 963 1058 998	0 0 0 0	9 2	26 0	1.7	9	79 80 67	.80 .72 .75 .31	20 20 26 26 26 20	5.0 2.8 2.5	4 2 2 1	10+ 22 26 26+	5 6 3 1 2	2 1 1 0	0 0 0 0 0
IRRENSBURG CENT T C IGSAW NO 1 ISOLA IYMESVILLE 2 W NOSOR 3 NW		43.6 46.2 47.0 48.2 42.6M	22.6 19.8 25.1M 21.7 20.8	33.1 33.0 36.1M 35.0 31.7M	4.4	64 67 66 69 65	8 8 7 7 8	3 6 3	21 12 12 12 12	982 982 890 925 1022	0 0 0 0	6 2 3 2		2.5	35 56 58	-1.60 -1.29	.18 .56 1.02 .87	27 20 10 26 27	.3 .5 2.5	1 1 2 2 1	13+ 27 22 26 27	1 2 6 2	0 1 2 2 0	0 0 1 0 0
IVISION				33.2	1.4									1.1	.7	92			1.9					
SOUTHEASTERN DIVISION																								
VANCE 5 ESE RCH TREE ACK 6 NW PE GIRARDEAU MO ST R THERSVILLE		46.8 46.5 46.9 46.0 49.9	26.3 22.6 21.0 25.1 31.1	36.6 34.6 34.0 35.6 40.5	2.3 .1 1.4	67 64 66 65 68	8 7 8 8	- 1 - 4	13 11 11 12+ 13	876 937 955 907 753	0 0 0 0	7 2	24 (26 1 25 1 24 (28 (28 (28 (28 (28 (28 (28 (28 (28 (28	1 4.1 1 2.5 0 5.1	1 8	.39 .93 12 1.12 43	1.63 1.56 1.24 2.34 1.03	20 20 20 20 20	4.0 5.0 .3	4 4 3 5 T	10 10+ 10 10 10+	6 8 5 5	3 2 1 4 5	1 2 1 1
IARLESTON EARWATER DAM LYSTAL CITY 1 N INIPHAN RMINGTON		47.0 48.4 45.8 48.5 45.1	27.9 23.6 21.3 25.0 22.4	37.5 36.0 33.6 36.8 33.8	2.2 1.0 1.2	67 67 68 68 65	20 8 8 8	7 4 5	12 11+ 12 12 12	845 896 965 870 959	0 0 0 0	2 2	21 0 26 0 29 0 25 0	4.0 1.1 5.4	7 .4 .8	-1.15 1.38 40	1.24 1.78 .70 1.96 1.80	20 19 20 20 20	3.5 3.0 2.1	2 5 0 3 2	10+ 10+ 10	7 3 9 5	4 1 5	1 0 1
RMINGTON CAA AP EENVILLE 4 NNW STON CKSON NWETT RADIO KBOA SHKONONG		43.4 47.9 45.5 46.3 49.6 47.4	21.6 24.1 23.2 25.5 29.4 27.8M	32.5 36.0 34.4 35.9 39.5 37.6M	1.0 1.5 2.1	65 67 66 67 68 63	8 8 7 8 8	- 4 3 1 8	12 11 12 13 10 12	999 892 942 894 783 846	00000	5 2 2 2 2 1	6 0	1 4.1	0 96 99 86	.78 70 .65	1.81 1.18 .96 2.19 1.65 1.50	20 20 20 20 15 20	7.0	2 4 6 1	10+ 10 10+ 10	5 8 5 9 8	1 4 4 2	1 0 1 2 2
CKING 4 N LDEN CAA AP RBLE HILL RRYVILLE LAR BLUFF	R .	43.2 45.7 47.9 45.1 48.6M	20.4 26.3 23.5 23.5 26.9	31.8 36.0 35.7 34.3 37.9M	-1.3 1.1 1.9	67 68 67 66 67	8 8+ 8 8	7 0 0	12 12 13 13	890 904 944 842	0 0 0 0	5 2 3 4 2	29 0 23 0 25 1 26 1	5.4 1 3.8 1 2.6	4 30 53	65 07 18	.83 1.63 1.30 1.07 1.21	20 20 20 20 20 20	T 1.0	T 1 3 4	10+ 10+ 10	2 7 7 6 7	1 5 2 1 4	0 2 1 1 2
TAGEVILLE LA SCHOOL OF MINES INT LOUIS WB AP INT LOUIS WB CITY INT LOUIS UNIV	R R	49.2 43.3 42.3 43.1 43.3	29.9 23.1 23.1 24.6 24.7	39.6 33.2 32.7 33.9 34.0	1.3 .5 .6 2.0	67 63 64 65 65	8+ 8+ 8 8	3 5	12 12 12 12 12	780 992 957 953	0 0 0 0	8 2 8 2	25 (26)	5.1 0 1.2 0 1.9	23	69 81 68	.63 .85 1.19	20 26 26 26	.5 .5 1.3	1 T T T	27 13+ 13+ 14+	8 2 2 3	4 2 2 2	2 0 0 0
INT LOUIS WASH U LEM KESTON KESTON CROP EXP FARM ION 1 SE		40.6 43.5 45.2 46.3 45.2	21.8 21.6 24.5 27.4 21.2	31.2 32.6 34.9 36.9 33.2	-2.1 2	64 66 67 66 69	9 8 21 20 8	3	12+ 12 12+ 12+ 12+	865 976	00000	8 2 5 2	8 (26 (24 (	1.8 0 1.6 0 4.6 0 4.5 0 1.6	66 68	.25 -1.09 20 63	1.10 .76 1.18 1.47 1.23	27 20 20 20 27	.0 .5 4.0 4.2	0 1 4 4 1	22 10+ 10 27	3 4 8 7 2	2 1 3 4 1	1 0 1 1
CHY CAA AP PPAPELLO DAM 8STER GROVES INGARTEN T PLAINS		43.4 44.8 43.3M 45.0 45.2	21.3 24.9 22.5M 25.2 22.5	32.4 34.9 32.9M 35.1 33.9	.9	62 66 64 65 65	20 9 8 8 7	2 4	12 13 12 12	1006 988 921 955	00000	5 2 7 2 6 2	26 0	1.4	91 50 30	2.23	.71 1.37 .85 1.23 1.46	26 20 26 20 9	.1 3.0 1.2 T 5.5	1 3 T 0 4	27 10 14+ 9	2 8 2 4 8	2 4 2 1 2	0 1 0 1 2
LLOW SPRINGS		45.5	21.2	33.4		64	7+	4	11	973	0	6	28 0	3.1	11	07	1.11	20		2	10+	7	1	1
DIVISION				35.0	1.2									3.3	39	.16	}		2.3					
STATE				31.9	1.1			L						1.7	73	58			1.6					

JANUAS

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	Day 13	of m	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
AOVANCE 5 FSE	4.0A				-						.40	11	12	13	.79	.73	10	.,	10					20	-			1	-	-	
ALTON 6 ENE AMITY ANDERSON 1 SW	.07	-	-	-	-	-	-	-	-	- 04	-	-	- T	T T	T .05	-	_ T	-	-	T - T	1.63 7 7	7	24	-	T	* O A T - T	.04 - 7 .13	- 07	-	-	-
ANNAPOLIS 7 SW APPLETON CITY ARCAOIA AUXVASSE AVA RANGLA STA	4.29 .29 - .60 2.31	-	-	-	-	-	-	-	-	-	.85 - .61	-	-	-	.52 T T	- 17	- 17	-	-01	v ~ .02	1.90 .15 .25	.30 T	*0A T -	-	T	T -	.07 .14 -	.25	T T	¥ -	-
AFLLEVIFW RERNIE RETHANY RIRCH TALE RLACK 6 NW	2.07 4.99 .03 4.11 2.58										.34 1.21 1.02		Т	т	T . 34	.75	•22		т	.03	1.42 1.70 7 1.56	.21 .01 .26	.07		. O1	.01	.26 .01	•31 •40 •01 •20		.03	
BLOOMFIFLO ROLIVAP RONWILLE WATERWKS ROWLING GREEN RRAOLFYVILLE	5.40 1.66 .89 .64	_	_	_	_	_	_	_	_	-	1.10	_	_	-	*44 T •01	.35 .01 .01	•55 T	_	.01 T	7	1.54	.42 7 7	• 25	•	_	.03 7 7	. 0 . 42 T	.52 .75 .37	.0	*	
AROUKFIELO ARUNSWICK RUFFALO RUNKER RUALINGTON JUNCTION	.83 .54 1.62 -	-	-	-	-	7	-	-	-	-	-	-	-	-	T -		-	-	T T -	•03 T	.73 .20 .49	† -	-	-	T -	•n3	.04	.34 .71 ~	-	•02 -	-
RUTLER CAA AP CAMPENTON CAMPRELL CANTON & ANO D 20	.19 .22 1.43	-	-	-	-	~	-	-	-	-	-	-	-	*01 T	T T • 02	T • 0 3 - T	T T	т	T T •05	.01 .01 .02 -	.08 .11 .45 -	T • v6 T	τ Τ -	-	7 T	.07 .01 .01	.74 -74	47	.07 ~	•05	-
CAPF GIRAROEAU MO ST CAPF GIRAROEAU CAPLINGER MILLS CARROLLTON CARTHAGE	5.10 4.11 .62 .27 1.73				Т					e 0 fi	•79 •50				• 74 • 65 T	.58 .16 T	•01 •47	Т	.03 T		2.34 1.65 .33 .20	. C A . 24 T	T .05		7 T	.08 .02	.05 .02 .25 .03	.36 .35	т		
CARUTHFASVILLE CASSVILLE BANGER \$/A CENTFAVILLE CENTERVILLE CENTERVILLE RANGER STA CENTRALIA	4.76 1.73 3.60 -									т	.95 .46 .66	т			. 23 . 13 . 49 . 45	1.03 .03 .07 .02	.96 .03 .08		Т	T T	.38 .51 1.42 1.45	.66 .01 .29	*33 *08	-	т -	*04 T -	.01 .13	.15 .36 -	-	102 102	
CHAOWICK CHARLESTON CHILLICOTHE 2 S CHILLICOTHE RAOIO KCHI CLEARWATER OAM	- 4.54 .52 .77 4.07									. 14	•19 •60	•55		т	. 41 . 69 T	.95 T	• 5 <del>6</del>			1.78	.93 1.24 .52 .75	T 7	•05 •08		.02 T	.07 .07	. 4 Q T T	.74	.0)	.61	
CLIFTON CITY CLINTON 1 NNW COLOMA COLUMBIA WB AIRPORT R CONCEPTION	.97 .92 - 1.01	-	-	-	-	-	-	-	-	-	-	- T	-	T T - T T	T - • 01	T ~	- T	- T	.12 -01	T • 80 - T	. 6 h T - . 4 h	T T - T	T T — T	-	т - т	7 ~ 7 T	T T - •57	+4) T -	-01	-	
CONCOROIA COOK STATION CRANE MOUNTAIN CROCKER CRYSTAL CITY 1 N	.53 .81 3.47 .96										•91			T	T T • 55 T	.18 .08	. 08		.01	т	.08 .19 1.10	.03 .22 T	т	т	• 05	T T	T •03 •13 •87	.45 .42 .33 T	.03	•CA	т
CURA OLERING DE SOTO DEXTER OON IPHAN	1.29 5.91 1.23 5.20 5.48									. 56	1.30 .90 .75				.02 .36 .03 .15	.02 1.31 .57	.05 1.10 .08 .69			T .04	.75 .82 .80 1.72	T .47 .03 .36	T •25 •11 •40		т	.07 .04	.03 .03	.41 .30 .24 .47		.02	
OONIPHAN 2 W EAST ENO FOGERTON EOINA FLOON	5.17 - .70 .79	-	-	-	-	-	-	-	-	-	1.23	-	-	- T	.31 - T	.65 -	-46	-	- T .09	- T .04	1.75 -68 -65 -32	.25 T T	.30 -	Ŧ	T - T	- T	- •02 •30	-19 -02 -08	04	•03	-
ELOORADO SPRINGS ELIJAH ELLINGTON ELLSINORE ELSBERRAY	.63 4.97 3.94	-	-	-	-	-	-	-	-	-	•92 •70	-	-	T	T •40 •47 T	1.05	•21		T -	_ T	1.40  .82  -	.52 .23 T	.62 .04	-	_ /	-	•11 •22 •10	.36 .20 -	-	-	-
FAIRFAX FARMINGTON FARMINGTON CAA AP FAYETTE FISK	- 2.74 2.81 .48 4.71									. 23	1.09			.05 T	.23 .17 .04 .36	.15	.15		T T	T	1.80 1.81 .06 1.06	.07 .01 T	•02 T	T T	т	.09 7	- •05 •28 •38 •16	- •28 T	.02	.07	
FORSYTH FOUNTAIN GROVE WILOLIFE FREGERICKTOWN FREMONT TOWER FULTON 4 SW	.98 3.52 -	- T	-	-	-	-	-	-	-	1.09	50	-	-	20	- • 30 • 56 T	.14	.20	-	- T	.03	.68 1.51 1.70	- •36 •32	- .05 .77	-	• 25	.07	T •03 •20	- T •43	- T	т	-
GALENA GALLATIN 2 ME GFRALD GRANRY GRANT CITY	1.79 T 1.69 2.24										•3A			Т	.06 T .04	+06			•15	.03 T	* T .45 .81 T	• 75 T	.29			т	1.14 .15	.26 T		.03	-
GREFNVILLE 4 NNW GREGORY LANDING GROVESPAING HAILEY HANNIHAL	4.10 .55 1.73 1.82									• 40	1.02 T T				.52 T J .26	•23 •02 •06 T	.43 T		.07	т	1.18 .45 .80 .70	.23 T T .01	.14 .07 .18		• 01	•02	*06	.26 .10 .82		T T	
MANNIHAL WATERWORKS HARRISONVILLE HAZLEGAFEN 2 W HERMANN HERMANN	1.02 .17 2.54 1.01 1.38													T	.04	т			т	.10	.45 .08 .59 .34	T T •02	т		Ť	T T	.53 7	.09 1.92 .49	т		
HOUSTON JACKSON JEFF CITY RADIO KWOS JEFFRSON CITY JEFROME	1.96 4.59 .67 .41									• 03 • 04	•02 •74				.10 .68 T T	•12 •54 •01 T	†11		T T	T .07	.96 2.19 .34 .20	.12 .09 T	.05 T	.18	. 01	.12	•15 •09 T	•17 •25 •20 •67	.05	T T	
JORLIN CAA AR MAHOMA MANSAS CITY WR AP R W C UNIV OF M C MFNNFTT RADIO MROA	1.93 .67 .05 .05									. 40	.84			.01 T	T T .53	T T 1+65	Т	T T	.03	.33 T T T	.03 .57 T	.65 T	T T T •16		T •17	.16 .07 .01	.73 T .02	•10	т	.04	
WENTESVILLE 4 NE KIDDER WING CITY WIRKSVILLE RADIO KIRX KIRKSVILLE CAA AR R	- - - - 87	-	-	Ξ	-	Ī	-	=	-	Ē	:	- - - T		- - - T	- - T	- - - T T	-	- - T	- - T .02	- - - - - - -	- -31 -80		- - - -	-	- - T T	-	E.05	=	- - - - -	:	
VOSHVONONG  LA RELLE  LAVESTUF  LAMAR  LAMAR  LAMAR FOREST SERVICE	4.81 £ .60 1.03 .68										1.12				.44 .01 T	.46 .02	1		T .08	.04		.15 T	. 35 T . 38			т	.09	.10 E.20 .31		.07	

note 3...Continued

able 3-Continued						-					-	_																			-	PK1 I	
Station	Total	1	2	3	14	5	5	6	7	8	9	10	11 •	12		of m	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29 3	30 :	31
r	2.26 .34 1.32 .52										т	•03			T T	.85 .01 T	т	.06		T T	- •02 T	T .T3 .30 .83	•02 T	T •02		т	T T T	T	•07 •30 T		•09 •0T		:
LAWA STARKS NUR ANA ANA AN A LICONOUT	1=53 .TO .87 .18 4.32										. 34	.95				T . 38	.01 1.02	т			. 02		.01	.33°	т	т	т	.05 .30 .01	.53 .35 .04		T .03		
n an ar R L Rais of El	.94 .53 5.44 1.84 3.80		_	_				_			.86	.40		_	•02	.66 .12 .30	1.01 .58	.14	_	.03	.40	.83 1.30	.06	T •11 •25	T	• 02	T •05	•59	.36 .20 .48	т	T •04		:
	1.61 .51 .01 .37														т	• 05 T	•06 T			T	•01 T	.18 T	T	т		т	Ť	.80 T .01 .02	.37 .05		Т		:
E POWN 5 NE AN NEOLY PADIO KNCM NETT	.77 .54 .33 .38	-	-	-	-			-	-	_	_	-	-	-	T -	T	-01	_	_	т _	.03	.37 .21 .23	- 26	_	_	т _	т т -	T .38 -	.29	-	_	т -	- :
IF NOVER  IF NOVER  IN A IN ROYE 2 N  INT VERNON 3 SH	4.47 1.15 1.66 1.84 2.91										.07 T	•30 T			Ţ	.58 .08 .03	.91 .02	.10 .03		.01		1.32 .40 1.10	.04 .03 .10 .15	.10 .18 .42		• 02 <sup>2</sup>	т	.41 .15	.26 .50	T T			:
y A a 1704 y LYBENCE H NAUB! S 77959	.35 .5T .TT 6.06	_	-	_	-		-	-	_	-	-	1.0T		-	-	T 17	.03 .87	T . T6	т _	•05 •01	T .	.10 .52 .28	т	.08 T	-	т _	T •05 T	.45 .03	.12 T	_	_	_	-
A	.04 .78 - 1.70 2.T7	-	-	-	-		-	-	-	-	-	- •22 •95	T -	-	-	.01 - .05	•01 -	-	T -	- 03	T -	.58 .T0	T -	- 30	-	τ -	т —	.04 T	T •12 - •68 •16	-	.03	-	-
S S PA VYILLE E CITY	1.55 .T2 .80 5.T4 2.63 7.05										т	1.72			T	.33	T 1.02 .07	.06		-01	T T T •01	.29 .25 1.32 1.0T	.03	.08 T		T T	T T	.05 .21 .04	.95 .43 .50 .68 .32	т	•03		:
a Any ™ EL  Ap al as  AuEvill  U° ***	.40 4.24 5.18					.02					.16	1.10	Т		Т	•18 •61	.51 1.25			.01 T	.39	.06 T 1.21 1.61	• T	•26 •14		T + 01 T	•05 T	.01 .04	.04 .)8 .11		т		:
WILL HUMBING OF WINES	5.08 5.54 3.17 1.28 1.47											1.00 1.04 .2T				•57	.40 .64 .04 .10 T	•69			T •05	1.53 1.61 1.29 .68 .T8	.50 .21 .49 .01 T	•15 •09	•05	т	•03	.05 .20 .15 .40	.54 .30		•05 •05 T		
SPE NAT. NAT MAREFS NAT MAREFS NAT JUST PH NAT AP R NAT LOUIS ON CITY R	1.29 .07 1.23 1.51									т	т	1.30	т		.01 .03 .09	* O T	.03 .03			т	T •02 T T	•51 •51	T T			T T	•02 T	.63 .85	- +61 T	•03	•07		
WT LOUS PHY WT IS WASH U FW A REV AT W L AND D 22	1.92 1.89 1.63 .72 1.34				1							т			т	.12 .10 .13 T .03	.04	.04		T T	T T T	.54 .54 .76 .16 .26	T •03	T •05		Т	**************************************	•07 T	T 1.10 .49 .97		.03 .04 .12		
SPAN NCER A WHE GRAD GRAD GRAD GRAD GRAD GRAD GRAD GRAD	2.00 1.Tq .67 .65											.55 .32	Т		т	.10 T	.48	.10	T T	T	•29 •07	80 .72 .33	T T T	.08		т	т	.15 7 .30	•15 •3T •38	т	.10	т	
TON CROP EXP FARM AND SPOINGS NGFIELD WE AP R LVILLE 2 N  FFENY LLE YF	4.58 4.09 1.64 1.11					τ				т	.0	1.34			•01 T	• 30 • 04	.99 .20 .03 .07	.05 .24 .01 .02	т	T .03	•04	1.47 1.25 .40 .60	.04 .31 .09	T .34		• 02	•04	•40	.24 .11 .37 .35				
- AN S F SER YILLF OWN 7 SU F7 SPRINGS	1.16 2.52 .80											.77	т	т.	T	•03 T	T T	.15		T T	T	.54 1.11 .71	T	T .14			T T .03	.03 .03 .0?	•40 •27 •0T		T .03 T		
7 4 4 6 7 4 4 6 7 4 6 7 7 8 9 6 7 7 8 9 6 7 7 8 9 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9	4.56 7.82 .09											1.14				T • 02 T	•15 T	.06			.0T	.27 .36	. O T	•59 •20			.01		•15 •30 •60 1•73 •03	i	•05		
I PARE MISSE OF  ALLES TY CAR AD	1.56	-		- -		-	-	-	-	-	-	1.0	-	-	- - T	•05 - •2T •01	-	-04 - -18	-	06	- - T	1.16	-02 -18	- 17	-	-	-	•04 - - •26			•04 - •02	-	-
PAPELLO JAM REN RAPG CENT T C G-NTON 1 N AG NO 1	1.46 .97 4.91 .81	1 3 3										.91	3		T T	. 5 T	.39 T	•42		•02 T T	.05 T T	1.3T T .26	•60 T T	.16		T	.03 T	•	•17 •33 •18 •56 •20		•04		
AU W) 2  A EPLY NE VILLE 7 U TEB GROVES WGARTEN	2.56 .21 1.66 1.56	5										1.03	?		•02	. 14 .07 .07	· 09	T	Т	T .01	•03 T	.51 .81 .14 .61 .52 1.23	*13 T *02	T •22 T	T		Т	.8T	•16	т	•04 •03 •05		
7 PLAINS TANSY LLE FOR SHOTHERS 2500 3 NO PA 5 E	4.8 4.3 3.1 .3 4.3	1									1.4	5 .0°	3		•15		.46 .26	.47		т	•47 •07 T	1.30 .9T 1.11 .11	•30 •11	•18 •27	т	T T	•06 •07 T T	•05 •06 T	+38	•03	T •03 T		

Table 5									ע	A.	ILI	1	LI	API	ını	AI	UF	1ES	,												JAN	ULPY
Station																Day	Of	Mont	th													7
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
AOVANCE 5 ESE	MAX MIN	55 30	54 39	53	49 19	51 29	46	56 20	67 26	62 35		35 10	30	25 3	35 24	37 33	37 31	31 13	35	55 34	66 54	58	31 21	39 18	40	58 38	58 55	59	38	54 28	50	50
ALSANY	MAX MIN	55	48 31	40	42	52 16	42 17	50 21	59 35	45 15		22 12	18	32	35 26	35	23	15	38	43 16	41	12	29 - 1	47 18	40 17	31 17	23	30	40	57	49	55
AMITY	MAX	50		42	42 24	54 23	48 18	52	60	51 16	23	24 11	20	34	34	35	29	16	40	40	40	- 11	28	45 17	40	32	30	35	41	58	46 20	55
ANOERSON 1 SW	MAX	61	61	55 12	55 27	55 17	59 19	70 19	68 53	63 31		38	25 11	32 21	42 28	47	43	27 14	48	66 47	64 18	19	30	45	62 32	68	65 18	38	47 15	59 33	49	56
APPLETON CITY	MAX MIN	59	53	45	48	55 23	54	66 27	73 40	42	26	32	25	33	36 29	41	37 16	22	41	62 37	58 13	15	30	47 17	43	65	62	38	40 18	51	41	54
ARCAOIA	MAX																															
BETHANY	MAX MIN	5 2 2 6		44	40 24	47 17	45 17	47	59 39			21 12	17 - 3	29 9	35 25	3 5 3 0	31	- 14 - 5	36 11	41 11	41	- 11	27	46 16	45 17	32 17	30 10	30	37 6	55 9	52	53
BIRCH TREE	MAX	61	62 38	62 38	55 23	56 24	54 27	64	63 38	58 30		- 31 - 1	28	24 7	33 21	37 31	38 24	28 8	38 12	58 32	63 28	30 16		38 9	42 27	58 39	59 40	42 16	39 16	54 27	5 1 3 0	56 24
BLACK 6 NW	MAX	61 19	59 27	5 8 2 0	48 18	59 22	57 27	61 16	66 22	64 33	38 18	34	30 4	24	34 23	3 8 3 3	38 25	26 1	34 14	53 33	60 32	32 16	35 17	43 14	42 29	54 36	58 40	41	39 14	56 25	55 36	57
BOL IVAR	MAX MIN	59 33	54 38	47	53 33	54 25	51 26	67 31	65 43	62 27		32 11	25 4	29 15	38 25	43	40	24	23	65 39	61 16	16	33 11	46 21	29	61 35	59 19	33	39 21	49	46	51
800NVILLE WATERWKS	MAX MIN	53	57 35	5 2 1 9	36 19	46 24	50 24	37 25	53 27	63		20 7	25	15	31	33 31	36 15	17	29	39 29	57 39	54	15	28 10	46	39 29	57 17	19 10	30 10	37 18	50 28	37
BROOKFIELD	MAX MIN	53	50 33	45 16	42 26	,46 21	45 20	52 23	60 35	57 19	26 5	26 12	22	31 11	35 28	3.8 3.2	35 5	18 - 3	36 13	48 31	52 13	- 15 - 2	30 7	50 19	45 23	49 21	50 13	3 5 8	37 12	49	45 71	50
8RUNSW1CK	MAX MIN	54 28	51 32	43 18	44 26	49	41	52 25	64 37	58 21		26 12	22	32 10	37 29	39 32	38 7	18	3 8 7	53 33	49 14	16 - 1	29 8	49 19	43 25	5 5 2 4	54 14	32	38 15	49	43	48
BUTLER	MAX MIN	56 28	56 36	48 19	47 34	53 24	50 29	63 28	64 46	63 24	27	31 10	25	35 14	35 29	43 33	41 16	22	43 21	61 38	59 13	15	30 8	46 16	41 28	65 26	64 15	38	43 19	52 27	52 29	54
BUTLER CAA AP	MAX MIN	57	52 30	42	46 29	54 27	42	63 29	65 32			37 11	17 3	33 14	34 29	41	23	25	41 25	60 36	58 10	16	30 9	45 16	39 25	64 25	25 14	39	42 19	51 29	39 28	53
CAMOENTON	MAX MIN	61	57 40	51	54 26	56 20	53 19	67 23	66 43	64 22	30 9	31 6	29 - 1	32 8	38 22	3 B 3 O	39 16	24	41	65 33	62	21	32 8	50 15	50 25	61 35	60 18	33	39 15	53 28	53 27	53
CAMPBELL	MAX MIN																															
CANTON L AND 0 20	MAX MIN	47 28	52 32	46 19	37 14	38 20	40 19	45 21	52 29	45		22	18 - 3	27	34 24	3 5 3 0	34 4	15 - 3	3 <i>2</i> 8	41 29	51 16	19	29 6	43 17	39 24	44 20	49 14	30 15	34 11	49 23	40	46
CAPE GIRAROEAU MO ST	MAX MIN	54 28	53 37	51 27	48 24	47 26	45 26	53 23	65 36	60 33		34	29	24	35 21	38	37 27	30 9	35 15	56 31	64 50	57	32 18	40 17	40	56 36	57 51	57 19	39 19	54 31	51 34	49
CAPLINGER MILLS	MAX MIN	61 29	55 38	48	54 34	58 19	46 26	69 25	69 42	62 27	28 13	33 8	2 B 4	32 15	38 27	43	39 18	24 6	43	64 38	60 14	16	32 10	42 18	44	67 32	65 17	36 12	39 16	50 28	45 31	54
CARROLLTON	MAX MIN	51 26	48 32	42	42 27	50 20	42	51 23	62 31	52 22	23 6	25 11	2 1 0	32 11	36 30	3 9 3 2	35 8	17 - 1	39 15	54 29	54 14	14 - 3	27 7	46 15	41 25	5 1 22	41 13	30 7	38 12	53 22	44 24	50
CARTHAGE	MAX MIN	60 34	55 44	52 16	53 37	5 6 22	52 28	70 26	69 46	62 27		35 11	28 6	31 19	40 27	46 32	42 18	25 8	43	64 42	63 14	16	25 5	45 2	5 O 3 O	67 31	65 17	34 13	43 20	51 26	42	54
CARUTHERSVILLE	MAX MIN	57 33	56 37	56 31	54 28	53 30	49 34	57 27	68 40	62 33		37 19	23 16	32 14	42 29	48	43 35	37 19	37	64 35	64 56	6 0 2 8	34 26	39 23	43 32	63 41	60 53	59 28	43 27	57 38	54 35	54 30
CHARLESTON	MAX	55 33	54 37	5 2 2 8	52 25	48 28	41	55 23	65 34	58 37	37 22	33 10	23	27 7	36 21	3 9 3 4	37 31	33 14	37 20	60 36	67 55	5.8 2.8	35 24	41	41	60 39	58 54	58 25	40 23	55 30	50 34	51 25
CHILLICOTHE RADIO KCHI	MAX MIN	51 26	50 34	46 15	42 24	50 18	41	50 23	61 33	55 19	23	24 11	21	31 9	35 28	37 31	33 5	15 - 1	37 13	45 19	51 12	13	27 6	47 19	44	39 19	34 13	34	45 17	52 19	48	52 18
CLEARWATER OAM	MAX MIN	61 21	59 37	60	50 16	55 27	55 28	60 18	67 26	61 33	36 19	35 7	33	27 7	33 23	36 30	39 28	30 10	34	55 32	64 52	54 19	33 17	42 12	40	55 35	60 52	59 17	40 16	56 26	55 29	55
CLINTON 1 NNW	MAX	55 24	59 28				54 21	40 22	62 27	65		24 17	30	19	32 19	35 32	40 16	23 3	34	46 34	60 39	39	17 3	30 12	40 25	42	64 17	19	35 12		49	40
COLUMBIA W8 AIRPORT	MAX MIN	57 34	54 30	39 19	49 29	50 24	38 26	57 26	63 35	35		28 11	19	28 13	34 27	37	28 8	21	37 21	55 37	57 14	18	31 11	47 21	38 29	57 30	32 16	30 12	38 18	52 29		48
CONCEPTION	MAX MIN	54 29	50	44	42	53 22	49 15	49 25	58 30	50	22	23 12	20	33 9	34 24	35		15 - 5	36 9	41 20			28 - 1	49 16	48	30 14		30	37 10	57 10	58 11	55 20
CRYSTAL CITY 1 N	MAX MIN	62		55	49	48 25	46 26	62 17	68 29	62 29	38 17	33 8	26	27 6	39 21	3 B 29	35 22		39 11	54 32	65 32	32 12		46 15	44	5 7 3 2	53 <b>2</b> 9	32 15	37 14	53 25		54 23
00N I PHAN	MAX	60				59 29	49 31		68 29	60 34		40 8	28	29 12	34 26	40 31	40 32	32 14	37 15	60 35	66 35	36 24	39 20	40 16	40 30	57 36	60 54	55	42 18	56 28		57
EDGERTON	MAX M IN	52	52	41	45	55 24	50	55 24	62 36	56 17	21	28 18		36 11	35	37 29	30 4	18	44	43 21	45		28 4	45 16	43	33 18	30 11	37	43 13			54
ELDON	MAX MIN	60	57	45	52	56 22	46	62 27	65 44	61	28	30 12	- 1	30 11	36 25	38	37 16	22	40	60 36	56	16	31 12	50 18	42	5 9 3 4	57 21	34 11	37 29	50 29		53
ELSBERRY	MAX MIN	53 18	60	60	35	45 23	45	52 18	54 20		32	21 10	30	18	30 15	34	34 19	24	23	38 23	52 37	52 13	21 12	31 12	35 19	46 32	45 23	30 16	29 13	32 17		34 18
FARMINGTON	MAX MIN	60	59	5 3	48 23	52 24	52	62	65 38	60	33	32	26	24	33 21	38	38		34	54 31	61 26	28	31 14	44	39 28	55 35	56 30	35 15	40 18			55
FARMINGTON CAA AP	MAX MIN	58	59	43	4.8	52	47	62	65 35	58	25	31	21	26 8	34 25	37	34 14	22		56 35	61	22	30	43 18	39	56 35	56 23	34	39 18		47	55 23
FAYETTE	MAX MIN	57 32	53	42	47	50	42	55	64	50	25	27	22	29	35 26	38	36	18	40	54 34	55 14	15	30 8	48 17	43	58 26	55 15	31	36 11	52	47	49
FOUNTAIN GPOVE WILOLIFE	MAX MIN	51 21	51	50	41	49	48	57 21	62	57		28	26	32 15	37 25	38	40		38	50	51	15	29	48	47	46 22	48	34	37 10	50	48	51
FULTON 4 SW	MAX MIN	56	58 32	56	40	49	57	39 24	59 26		33	24		19	37 16	35	37 18	24	28	39 28	58 37	56	19	30 11	48	41	37	27	31	37	51	40
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able 5 Continued									D.	AI	LY	T.	EM	1PE	:RA	ATU	JR	ES		-											JANUA	RY 1	
Station		,			-										I	Day	OI :	Monil	h														erage
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29 3	0 3	1	
NAN CITY	MAX	53	48	45	40	50 26	39 16	49		47	25 <b>-</b> 2	22 10		30	35 24	35		13	36 9	45 26		12	26 <b>-</b> 2	45 14	25 13	29 15		28			45 5		36 • 3 12 • 3
INVILLE & NAM	MAX	60	58 36	55	51 17	55 29	50	60 18	67 25	61		37	30	26 5		37	36 30	30 12	35	56 34	64 48	48 22	35 19	44 15	30	56 37		59 20	42 18				47.9 24.1
see AL WATERWORKS	MAX	55 32	53	31	39	39 21	36 19	46 25		41	24	25 5	16	28 8		37	31	17 - 3	34 17	49 32	53 12	19	28 8	21	38		31 17	29 14					37 • 0 17 • 8
LER I I DAY ILLE	MAX	56 31	53 37	42	47 32	54 23	46	5? 29	65 45	57	27 18	32 10	72 10	34 13	34 29	4 O 3 1	35 13	20	40 19		57 12	14	28 7	45 17	39		39 13	38					42 • 1 20 • 6
, and Auf	MAX	62	57 27	51	53 19	57 12	49	68 15		59	28	32	27	31 9	38 24	42	40 16	25 3	43	65 37	60	16 5	29 9	50 11	27	65 32	59 15	35					46.6 16.8
TON	MAX	5 9 3 0	60	57	53 30	58 25	45	66 24		59	26 17	33	25			40	35 23	26 8	33	63 33	64 20	21	34 14	43 19	39 28	55 35	59 33	36 14	42 18				45.5 23.2
x = 00	MAX	56 30	54 34	46	48	50 28	45 28	55 20		61	34 21	37 5	31	24		36	36 29	36 11	34 18	55 33	62 53	53 25	33 20	41 18	40	5 6 30	57 53	56 71	40 20				46.3 25.5
SE CITY RANIO KWOS	MAX MIN	60 30	58 41	45	51 26	55 21	45	61		58	2 7 1 0	30	21	29	36 26	38	37 16	21	38	58 36	58 18	18	31 13	50 17	43	59 35	58 20	32			42 9		44.0 21.1
OPLIN CAA AP	MAX	60	53 35	51 25	5 2 36	55 29	51	69 39	68 45	45	24 13	33 13	21	32 21	42 31	45	32 15	30 9	4.8 3.0	64 46	63 14	15	25 7	43 14	50 32	67 33	35 17	32 15	43 26				45.0 25.3
AS CITY WR APT	MAX	56 35	51 31	42	43	55 30	43	58 31	62 29	29	21	27 10	20	36 16		37 18	18 8	24	45	53 28	55 6	13 - 3	30 8	46 23	36 20	36 18	18 12	39 9	44 19				39.4 19.1
UNIV OF K C	MAX	57 28	48 36	43	42 32	52 24	48	56 28	60	52	20 6	25 13	21	33 14	33 29	36 31	3 <u>1</u>	17	39 17	51 27		12 - 5	27 7	43 19	38 20	37 20	32 11	36 5	41 17				39.8 18.2
NNETT RADIO KBOA	MAX	58 31	56 37	55 28	53 25	53 31	50 33			64	4 n 8	31 18	37 12		38 28	40	40 34		40 20	62 36	67 56	60 27	34 23	34 22	42 31	62 42	61 54	58 25	43 26				49.6 29.4
9 3 0 0 E	MAX																											İ					
PRESEILLE RADIO KIRX	MAX	51 30	49	39 15	39 15	41 18	37 15	48 26	60 27	47	74 3		14 - 5	27	33	3 6 2 9	3 <u>1</u>	15 - 5	33	41 19	38	- 15 - 5	26 4	45 15	37 29	46 16	44	29 8	33 10	54 25	40 15	48	36.8 14.7
PRSVILLE CAA AP	XAM MIN	51 28	49	33	39 21	41 18	36 15	49 23	59 25	28	24	21	15 - 5	28 6		3 6 1 9	20	16 - 5	33 14	42 30	47 2	- <sup>15</sup>	27 5	45 14	33 18	49 17	20 12	29 7	33 12				35.0 13.5
SHEONONG	MAX MIN	55 30	60 35	60 28	53 26	54 29	54	62 28	63 37	61	34 19	31 11	32	28 14		38 34	38 30	30 14	35 26	56 35	56	48 20	35 19	38 21	39 29	53 37	58 53	58 23	40 24	54 37			47.4 27.8
AKESIDE	MAX MIN	58 20	61 28	52	45 23	52 20	56 21	42 19	62 21	65	37 12	24 11	32	21		37	40	26 5	35 6	45 35	63 45	58 10	18 10	34 14	51 16	44 33	60 23	27	35 14				43.5 19.0
lwair	MAX	54 26	59 33	59 16	49	51 23	55 25	48 28	68 39	72	36 10	21 10	33	23	30 21	48	43		40	54 39	63 51	60	15 8.	25 8	44	48 35	66 21	23 10	35 13·	40 23	51 29		44.8 20.7
A*HROP 3 SW	MAX MIN	47 29	49	38 14	42 26	53 21	46	54 27	62 37	54	20		25 <b>-</b> 2	35 14	35 28						46 2	- <sup>12</sup>	29	44 18	40	35 18	19 7	34	40 18	53 23			40 • 1 16 • 8
PANON 1 ENE	MAX	60 36	56 37	50	54 31	52 23	50	66 29	65 43	56	30 14	32 10	22	30 12	39 23	45	38 20	23	39	65 36	65 19	19	33 11	48 22	41	59 36	54 21	32	40 19	55 29			45.7 22.9
* I NGT ON	MAX MIN	51 31	53 34	49	37 18	43	52	40 22	53 36	62	27 6	21	26	17	34 17	36 31	38 12	17	30	40 30	55 30	30 - 3	13 - 2	28	46 25	35 22	53 13	17	33	40 23			37.6 16.7
CKING 4N	XAM MIN	55 23	60 32	57 18	46	52 21	56	43 24	67 32	60	34 14	24	31	27		35	41	25 6	27 7	41 26	61 40	61 13	18 12	34 15	44	41 27	59 35	36 13	33 14	40 23			43.2 20.4
~ « « ODD	XAW	60 35	55 41	49	53 32	56 27	59 25	69 32	76 49	61	30 15	34 11	29 5	32 20	39 28	44	40	30 7	43 21	65 41	61 15	15 8	33 6	44	20	65 24	63 18	33	40 22	51 30	47 31		47.4 23.1
151ANA STARKS NUR	MAX		56 38	46	45 25	41	41	53 17	5 8 2 5	57	26	28	21	26 2		37	36 14	19	35 11	55 33	57 20	22 10	31 10	44 18	43	51 29	56 20	3 0 1 5	38 12	52 25			41.6
ICON	MAX MIN		53	49	3 <i>7</i> 13	41	44	37	50 25	58	27		24	16 - 3	30	34		17 - 6	- 2 - 2	37 24		- 48 - 4	15 - 2	28	45 18	· 36	51 11	19	30 8	34 13		35 22	36.3 11.2
LOEN CAA AP	MAX			43		53 29	45	57 27	68 37	57 27	30 22	38 12	20	31 12	36 31	38	38 26	27 14	38	61 35	68 29	30 26	34 21	37 20	43	60 39	60 37	41	41 25	56 33			45.7 26.3
PALE HILL	MAX MIN	57	56	53	50	53 25	50	57	67	64	37	38	32	25		38	38	32 10			63 53		34 19	41 13	40 30	5 6 3 8				56 25	55 29		47.9 23.5
RSMALL	MAX																																
45HF1FLD	MAX	58	55 33	46 21	53	52 22	49	65 28	63	59	33 15	31	27	26 15			41 19	23	40	63 36	63 18	18	30 10	44 23			58 22				48 31		45.3
- YVILLE	MAX	52	47	38	40	52	45	47		41	20	22		31		33		13 - 4			42	12 -11		45 16			17	- 31 - 2		57 22			36.3 12.8
WEN S	MAX	48	51	49		39	45		49		23	26		25	28		35	13 - 5	23 - 5	34 22	41	35 - 4	18	29	44		47 12			32 10	53 13		35.1 11.9
*1C	MIN	57	57	55	39		49	39	59	59			29		30		36 14	21 - 1	25 - 1		55 38		18	30 9			55 19			36 18	5 1 2 5		39.8 17.0
MEPLY RADIO KNCM	MAX	55	52	40	45	47 17	36	54	63	57		25 14	18	28		37	34 10	12	37 12	53 33	54 10		29	46 16	38 27		53 16				40 27		40.0 17.8
INFTY	MAX																																
MATAIN GROVE 2 N	MAX			54 23	55 28	56 25	52	63	59 42	59	31 15	31 6	27	23 11	33 20			22	36 19	63 37	62 21	23 13	34 13	40 18	39 26	54 34	58 30				53 31		45.5
DUNT VERNON 3 SH	MAX	58	55		55	55	49	68	65	59	32		·	30		43	41	24	44	64		17	28	44	46	65	62	33 15	41	52	46	54	46.5 23.6
05 <b>™</b> n	MAX	60	60	54	55	56	55	70	69	64	33	37		31	41		44	29	44	65			31	47		67		36 13	45	55	50	55	49.4
VAQA	MAX	60	54	48	50	56 26	46	67	67	62	29	33	24	37	38	45	38	22		62	50 14		29	46 15	40	67	55 18	- 1	43	53	44	55	45.2
" FLORENCE	мах	57	57	42	50	48	41	58	60	5.8		29	19	27		35		18		54		19	30	47	40	56	56	28	35	53	43	48	41.8
	W I N	3 3	37	18	25	20	27	25	37	25	9	8	0	8	22	31	1 ,		12	1	19	4	1	17	70	, ,	20	1.5	10	, ,	, ,	13	

Table 5 - Continued										A.	ILI	1	C I	API	LN	A1	U h	LES				_	_								JAW.	APY
Station		_			,											Day	Of	Mont	h													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
OREGON	MAX	52 24	49 26	42	40 28	53 25	39 16	51 29	57 36	36 11	20 1	22 12	16	34 10	34 26	33 16		14 - 3	35 11	42	40	10	28 0	46 19	35 11	26 16	19	35	47	59 24	50 19	55
OZARK BEACH	MAX .	60	64 22	61 21	54 19	65 14	62 24	54 21	72 22	68	38 21	29 12	41	28 12	32 21	40	45 28	29 16	32 11	47 31	69 38	70 17	20 12	38	45 17	53 32	62 44	45	48 17	43	57	53
PERRYVILLE	MAX	5 8 25	58 34	53 25	47 17	50 27	47 26	59 19	66 30	62	34 18	35 17	30	27	35 19	35 30	36 24	27	33	52 32	62 37	38 22	31 18	41 18	41	55 38	58 36	38	38 19	56 32	50 35	52
POPLAR SLUFF	MAX	52	59 34	58 29	54 18	54 30	57 35	47 20	58 28	67 36	58	36 13	40 12	30 10	27 18	34 31	39 35	37 14	33 16	34	5 fb	67 24	36 23	36 18	40	38	58 55	60	58 21	55 28	55 31	52
PORTAGEVILLE	MAX	56 32	57 40	56. 33	52 26	51 30	50 32	57 27	67	65 39	40	34 14	34	30	39 29	41	40 35	36 16	38	62 31	67 56	60	31 24	37 22	42	61	60 54	59 26	42 26	56 35	54	52 28
PRINCETON	MAX	54	52 31	44	39 26	45 15	44	50	59	58 15	31	25	21	29	35 24	36	34	16 - 6	38	43 15	41	12	30 - 1	46 12	45	33	31	30	35	55 12	52	53
ROLLA SCHOF MINES	MAX	56 30	60	59 25	41 26	50 26	57	43	63	60	35	23	32	20	34	37	39 21	24	30	45 30	62 45	63	19	30 17	49	47	61	31	33 17	40	55 31	45
SAINT CHARLES	MAX	60	62	52	48	45	44	59	66	61	30 15	33 12	24	26 11	38	40	36 15	21	39 15	56 34	63	2 <b>7</b>	32 15	43	42	5 7 3 6	59	32	34 18	53	48	52
SAINT JOSEPH W8 APT	MAX	52	50	37	42	53	43	53	59	25 11	23	24	18	37 15	35 30	35	14	21	38	41	42 - 2	12	29	47 19	34	30 12	17	35	46 12	59 17	38	56 17
SAINT LOUIS WE APT	MAX	59	59	39	47	43	37 25	59 26	64	60	28 15	30 13	18	25 14	37 24	36	35 12	20	37	55	63	23	31 15	42	42	58	58 22	29	36	52	40	50
SAINT LOUIS W8 CITY	MAX	59	59 39	39	47 27	46	40	59	65	61	28	30	17	25	40	40	35	20	39	55 36	63	23	30	41 23	42	58	59 23	30	36 25	53	46	51
SAINT LOUIS UNIV	MAX	58	60	49	47	46	26	30 56	36 65	61	29	31	22	73	37	37	36	18	37	55	62	24	30	40	43	56	58	31	35	53	28	51
SAINT LOUIS WASH U	MIN	51	57	60	37	46	26	35	36 56	64	35	28	30	13	33	37	37	25	22	35	55	62	16 23	30	30	39 42	58	34	24	35	52	40
SALEM	MIN	55	36 60	59	45	28	57	45	66	31 64	16 35	24	32	19	15	32	41	5 25	25	13	57	62	16	32	25 46	33	32 57	40	35	23	31	45
SAL158URY	MIN	55	38 50	41	23 45	25 48	41	25 54	30 63	29. 57	16 23	27	18	30	14 36	32	35	18	38	25 52	54	14	30	16	41	32 56	38 55	31	37	20	30	48
SAVERTON L ANO 0 22	MIN	30	37 55	17	23	40	21	25 57	33 58	55	7 26	11 25	21	27	28 35	37	10 35	0	33	34	15	21	30	17 45	42	25 45	11 57	37	15 35	51	40	45
SEOALIA	MIN	36 59	41 57	22	25 48	24 58	24 49	23 59	33 65	25 62	10	14 29	25	31	25 35	32	37	20	41	32 60	59	13	9	21	47	62	18	16	16	27 50	74 48	23
SEL 1GMAN	MIN	34 59	39 56	19	29 58	24 54	21 52	29 66	45 65	60	31	33	27	11 27	28	33	15	2 25	11	36 62	13	18	30	21 57	30 49	27 65	16 62	37	19	32 58	27	24
SEYMOUR 4 NNE	MIN	37 58	44 55	24	38 54	26 53	30 45	38 64	49 61	30 56	16 29	15 30	24	15 23	25 34	38	20	14	37	61	18	10	34	17	40	40 55	23 57	14	39	36 51	46	51
SHEL8INA	MIN	28	37 53	20	27 40	23	26 42	34 50	40 58	27 52	14 25	13	21	10	20 35	31	19	16 15	19 36	33	18	10	10 29	20	26 45	34 48	24 53	20	19	28	30	29
SIKESTON	MIN	29	32 56	16	25 45	19	18	20	30 56	22 66	6 53	30	- 1 36	3 20	25 34	32	38	- 2 36	25	33	18	67	9	15 32	28	30 46	15 58	12	12	32	66	22
SIKESTON CROP EXP FARM	MIN	26 53	31	28	26	27	29	26 53	27 65	60	21	10	27	7 26	14 35	15 37	34	14	36	23 57	38 66	58	23	20 39	21	36 58	45 58	24	23	24	30	26
SPRINGFIELD W8 APT	MIN	30 59	37 54	29	24 52	28	30 46	25 68	32 65	36 54	22	8 32	19	6 28	50 36	32	32	13 23	19	34 64	53 62	26	22	21	30	39 58	53 57	32	23	30	35	26
STEFFENVILLE	MIN	34	32 51	23	32	26	39	31	58	24	12	12	5	18	28	32	14	8	35	38	13	9	12	19	28	37 50	15	30	23	31 50	32	31
SWEET SPRINGS	MIN	30	36 52	19	20	20	12	24	30	20	5 25	11	- 3 20	3	24	31	35	- 3	10	32 56	17	16	6	16	26	21	14	12	13	26	18	23 52
TARK 10	MIN	27	33	17	24	19	21	27	35 56	22	7 24	9	1	10	29 35	31	12	16	19	31	13	1 1 2	12	16	26	25	14	8	11	25 63	26	19
TRENTON	MIN	23	28	36	24	22	17	21	27	13	- 1	11	- 3	11	25	15	0	- 4	10	14	2	-11	- 2	18	8	11	6	~ 2	9	14	14	13
	MIN	29	29	15	26	21	20	25	35	18	3	12	- 1	10	25	31	3	- 3	11	21	- 4	8	4	15	30	19	13	5	13	22	19	22
UNION 1 SE	MAX	26	42		21		- 1	16	69	29	15		3	5	38	32	20	12		35	64 22	14		13	31	58 35	61 27	14	14	23	30	24
UNIONVILLE	MAX	51 28	46 34	39 16	35 22		15	24	57 30	48	0	23 11	- 5	26 5	33 20	28	- 2	- 7	8	20	38 9	- 8	26 1	45 17	17	33 15	28 9	28		53 22	23	
VANOAL IA	MIN																															
VERSAILLES	MIN	59 38	53	19		20		61 33	65 42	61 25	^ 29 9	12	3	30 12	35 26	38	35 17	21	20	57 36	55 14	7	14	50 20	29	61 39	57 19	12	18			23
V1CHY CAA AP	MAX		57 33		48 28	56 22	23	61 37	59 43	21	23 11	3 n 9	17	27 12	36 25	39	33		19	37	62 17	18	29 15	13	28	60 35	17	11		29	43 29	74
WAPPAPELLO OAM	MAX	49 27	56 33	57 29	43 23	51 27	55 31	43 24	56 30	66 43			37		32 15		38 33	35 12	13	40 22		65 24	26 20	35 18	38 22	41 34	57 40	58 21	41		55 33	
WARRENSBURG C T C	MAX		56 40		46 31	53 27	50	57 33	64	60 25	25 9	29 13	24	33 15	34 30	39	37 16		20	54 35	54 15	15	29 12	46 20	43	63 26	63 16	32			48 28	48 27
WARRENTON I N	MAX		61 40	47	46 27	46 24	24	58 25	67 32	58 26	27 11	29 10	24	30 7	37 20	37	35 17		36 10	53 34	60	12	30 12	48 18	42 29	56 34	56 28	29 13	34 18	54 29	52 27	50 24
WARSAW NO 1	MAX		55 30		57 23	55 18	48	65 19	67 38	63 26	28 11	3 <i>?</i> 7	25 3	31 10	37 28		39 18		20	63 38	58 15	15	33 12	51 17	28	65 32	60 18	36 11	42 14		43 29	54 19
WASOLA	MAX MIN	62 34	67 38	57	60 27	59 25	57	66 32	63 46	58	29 17	32 10	26 6	26 13	36 23	43	41 24	26 11	40	63 35	62 22	22	36 12	40	43 28	55 37	60 32	40	39 21		50 36	59 33
WAYNESVILLE 2 W	MAX	63 28	60 42			59 18			64 35	60	34 15	35 6	33 3	28 8		41	40 22	26 6	40	65 37		22	35 14	50 16	43 30	59 38	61 26	35 13	41 15	57 24	56 32	57
MERSTER GROVES	MAX MIN			47	47 25		42		64	50	3 n 1 5	30 11	21	25 10	36 20		33 18		37 13	54 33	63 22	34 15	30 14			57 35	59 27	31 14		53 33		
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DAILY TEMPERATURES

MISSOURI JANUARY 1954

de 5 - Continued

																Day	Of	Mon	th														age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
) wasten	MAX	61 38	5 Q 5 5		47 25		45 28	60	65 57	61 33		31 11	28 4	24	34 21	3.8 3.1		24	36 13		63 31	20		47 20	40 28		5 <sup>8</sup> 8	33 15			52 32		45.0 25.2
T PLAINS	MAX MIN	60	63 33	4 9 2 1	57 21	57 29	50 23	65 27	62 31	57 24	25 18	34	22	27 15	34 27	4 0 3 3			37 22		63 20			37 11	37 28		60 25	39 18					45.2
LCB PR NGS	MAX	59 22	61 38			57 24	48 28		60 29	5 Q 30		33	21 5	24 B	31 23	42 31		26 8	36 21		64 23	23 15		39 5	37 27		60 34	41 16	39 19	53 16	47 29	56 26	45.5
R 3 Na	MAX	58 31	51 35		48	53 23	43	59 27	65 43	56 25		29 9	18 2		34 27	4 0 3 3		22	41 20		57 14	16 3	29 12	48 19	39 29	62 27	16	33 9	39 19	50 29	44 27	50 23	

## DAILY SOIL TEMPERATURES

																	Day	of m	onth															age
Station			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
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1904	6РМ	3	3 :	34	32	32	33	32	33	40	32	31	29	28	30	31	31	26	26	31	32	26	24	27	31	27	29	28	28	29	32	31	32	30.3
INCHE5	6PM	3	3 :	34	33	33	33	33	33	35	33	32	31	30	30	31	31	29	28	30	31	29	28	28	30	29	30	26	28	29	31	31	31	30.7
INCHE5	6РМ	3	35 :	35	35	35	35	35	35	36	35	34	33	32	32	32	32	32	31	31	31	30	30	29	30	30	30	29	29	29	30	31	31	32.1
INCHES	6РМ	3	7 :	37	37	37	37	37	37	37	37	36	35	35	35	35	34	34	34	33	33	33	33	33	32	32	31	31	32	32	32	32	32	34.3
INCHE5	6РМ	4	2 4	43	42	42	42	42	41	41	41	41	41	40	40	40	40	39	39	39	39	38	39	38	38	38	34	33	36	34	35	37	35	39.0
INCHES	6РМ	4	9 4	48	48	48	48	48	48	48	47	47	47	47	47	47	46	46	46	46	46	45	45	45	45	45	45	45	44	44	44	44	44	46.2
INCHE5	6РМ	5	1 !	51	50	50	50	50	50	50	50	50	49	49	49	49	49	49	48	48	48	48	48	48	48	48	47	47	47	47	47	47	47	48.7
												51	KEST	ON CI	ROP I	EXP	FARM																	
INCH	5PM	4	1 4	46	39	38	41	37	40	48	40	34	32	28	30	32	32	34	31	32	45	55	32	32	33	39	51	54	40	39	47	39	41	38.8
: ICH	5PM	4	2 4	44	41	39	41	38	40	46	42	35	34	32	32	32	32	35	32	32	40	54	34	33	33	38	48	52	43	40	47	42	44	39.3
INCHES	5PM	4	1 4	41	41	38	40	38	39	43	43	37	35	34	33	33	33	35	33	33	36	51	36	34	34	37	45	49	44	40	45	43	44	39.0
INCHES	5PM	3	8 3	39	39	38	38	38	37	39	43	39	37	36	35	35	35	36	35	34	35	45	39	37	36	37	41	46	43	40	42	42	42	38.6
INCHE5	5PM	4	0 4	41	41	41	41	41	41	41	42	42	41	40	40	39	39	38	38	38	38	40	42	40	39	39	40	42	44	43	42	42	42	40.5
INCHE5	5PM	4	7 4	47	47	47	47	46	46	46	46	46	46	46	46	45	45	45	45	44	44	44	44	44	44	44	44	44	44	45	45	45	45	45.3
INCRES	5PM	5	1 5	51	50	50	50	50	50	50	50	50	50	49	49	49	49	48	48	48	48	48	48	47	47	47	47	47	47	47	47	47	47	48.6

# EVAPORATION AND WIND

	Co. s:																1	Day c	d mor	ath														
	Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
ESIDE		EVAP	.06	.03	85	.13	.00	.05	.05	.02	.07	* 96	* 65	* 118	* 49	* 75	* 18	* 110	* 30	* 89	* 41	.21	*	* 68	* 31	* 72	.16	<del>-</del> 79	_ 109	31	<b>-</b> 37	_ 26	<b>-</b> 39	.978 1883

Table 7																												_			UAR
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	of m	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	3
YTIMI	SNOWFALL . SN ON GND	-	-	-	-	_	-	-		-	-		Ţ	T ~	T -	-	~	-	-	-	T -	ī	-	-	T -	Ţ -	Ţ -	T	-	-	-
NDERSDN	SNOWFALL SN DN GND																						- 4	-	-						1
BETHANY	SNDWFALL SN ON GND	Т	Т	Т	Т	Т	т	Т					T	Т								T	Т				T T	- 1	Т	т	į
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OL IVAR	SNOWFALL SN DN GND																				T T	i T					1.0	1	1	Т	
UTLER CAA AP	SNOWFALL SN DN GND																Т	Т	T T		Т	T	Т				T				
APE GIRARDEAU	SNOWFALL SN ON GND										5.0	4	4	3	2	т	Т	Т				T	Т								
ASSVILLE	SNOWFALL SN ON GND										~				-							T	3.3	_	_	_					
ENTERVILLE	SNDWFALL SN ON GND										5.0	4	3	3	D.2	2	1	1	Т	T		T	D.6	Т	Т					Ī	
HILLICOTHE K C H I	SNOWFALL SN ON GND	Т	T	Т	т	Ť	Т	Т	т	Т	Т	т	Т	T T	Т	Т	Т	Т	Т		T	7	Т			Т	T T	Т			
DLUMBIA WB AP	SNDWFALL SN DN GND											Т		т	Т		Т	т	T		т	Ţ	T				1.5	1	T	1	١
ARMINGTDN	SNOWFALL SN ON GND										1.6	1	т	т	D.3	Т	Т					T	D.2	Т						T	
RANT CITY	SNOWFALL SN DN GND																			T	Т	Т	Т			T T	1	1	1	Т	
REGDRY LANDING	SNOWFALL SN ON GND														T					T								1.0	-	7 -	
ANNIBAL WTR WKS	SNDWFALL SN DN GND														Ť				7			Т	Т				1.5	1	T 1		ı
EFFERSON CITY RADID KWOS	SNOWFALL SN DN GND														T T							T						D.7	1	Т	ı
OPLIN CAA AP	SNOWFALL SN DN GND													т							D.2	7.0 T	T 7	6	2	Т	1.8 T	2	1	Т	Ì
ANSAS CITY WB AP	SNDWFALL SN DN GND	т	Т											D.3			Т	Т	Т		Т	T	T			Т	D.8	Т	Т		
IRKSVILLE CAA AP	SNOWFALL SN DN GND											Т		т	т			Т	Т		Т		Т		Т	Т	Т	Т	Т		
AKESIDE	SNOWFALL SN ON GND																											0.8	1	Т	
AMAR	SNOWFALL SN ON GND																						2.D 2	_	_						
EXINGTON	SNOWFALL SN DN GND													Т	Т							Т	Т				T	D.2	Т		
ICKING	SNDWFALL SN DN GND										T T	Т			T T							ī	T	Т							ı
DUISIANA	SNOWFALL SN ON GND														ľ													D.5	Т	Т	l
UCERNE	SNDWFALL SN ON GND																				Ţ					T	т				
ALDEN CAA AP	SNOWFALL SN ON GND									Т	1.0	1	1	T 1	T 1							Т	Ţ			ľ					ı
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T GROVE	SNOWFALL SN ON GND										3.5											Ţ	2.D					Т	T	T	ı
EW FLORENCE	SNOWFALL SN DN GND										4	3	3	2	2	2	T	T	T		Ī	T	2 T		т		D.8	Т			ı
REGON	SNDWFALL											т			Т					Ţ	Т	Т			т	Т	1 T	1	1	T	
T JOSEPH WB AP	SN ON GND											Т		0.2						T	T 0.1	Т			T	T	T D.1	T			
T LOUIS WB AP	SN ON GND										Т			0.3	Т						T	T				Т	0.2	T	Т		
T LDUIS W8 CITY	SN ON GND													D.3	T							T	Ť				D.2	Т	T		
AL1S8URY	SN ON GND														Т				т		т	Т	Т				1.0	Т		T	
HELBINA	SNOWFALL	T	Т	T										Т				т				Т					1	1	1	1	
IKESTON	SN ON GNO										4.D			Ť				Ť				Ť						1	1	T	
PRINGFIELD W8 AP	SN ON GNO SNOWFALL SN ON GNO									Т	4 T	4	3	3 T	2	2	T T	T T	т		Т	1.8	T D.2 2	1	т		D.8	1	т	Т	
NAVIJJU	WTR EQUIV																						D.1								

# SNOWFALL AND SNOW ON GROUND

MISSOURI JANUARY 1954

																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
PRINGS	SNOWFALL SN ON GND	Т												Т							0.5		Т				2.0	Т	T	Т		
K.	SNOWFALL SN ON GND													T		T				Т	Т					T T	T					
e e	SNOWFALL SN ON GND														T													1.0				
NOSOR	SNOWFALL SN ON GND													T								T T						0.5	Т			
HY CAA AP	SNOWFALL SN ON GND													Т							Т	0.1 T	T T				T	T 1				
PPAPELLO DAM	SNOWFALL SN ON GNO										3.0	2	1	т	T T	т	Ŧ	т	т				T T									
SAW NO 1	SNOWFALL SN ON GNO													T														0.5	-			
MESVILLE	SNOWFALL SN ON GNO																				T T	1.5	Т				1.0	T -	Т			
† PLAINS	SNOWFALL SN ON GND									3.5	0.5	2	2	T 2	1	Т	Т	т				1.0	0.5	1	Т							

# STATION INDEX

Activation   March   M	Refer to tables  2 3 6 6 7 2 2 8 7 2 3 5 7 3 5 7 3 3 7 7 3 3 5 7 2 2 3 5 7 3 3 5 7 2 3 5 7 3 3 5 7 3 3 5 7 3 3 5 7 3 3 5 7 3 3 5 7 3
Allery   Coll   College	2 2 3 5 7 3
Applean City	4/30/63 2 3 5 7 2 3 5 7 3 7 3 7 3 7 2 3 5 7 2 3 5 7 3 7 2 3 5 7 3 7 3 7 3 7 3 7 3 7 3 7 3 7 3 7 3 7 3
Section   Color   Co	3 7 2 3 5 7 3 7 7 3 5 7 3 5 5 7 3 5 5 7 3 5 5 7 3 5 5 7 3 5 5 7 3 5 5 7 3 5 5 7 7 7 7
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South   Sout	3 5 2 5 3 5 2 3 5 2 3 5 2 3 5 2 3 5
Bunker   110  Reynolds   1 37 27 9 12   -   74 C. D. Bighley   3   1	2 3 5
Cape Cirardeau No State  Cape Cirardeau No State  1201 C Cirardeau No State	2 3 5
Carpoliton 1304 Carboliton 1306 Carboliton 130	2 3 5 7 3 3
Centerville Ranger Stall   1472 Reynolds   137 26   90 57   - 8A   U.S. Forest Service   Say U	2 3 5 2 3 5 3
Chillicothe 2 S (Lillicothe Radio KFH] Clarkevillo Lock a Dan 1590 Livingston 4 39 46 93 33 771 78 5 0. Dupy 1 2 3 5 7	3 3 2 3 5 7 2 3 5 7 3 5
Colons 1711 Henry 9 39 22 93 47 - 8A 9 A Loyd M. Millan 7 73 Gero 20 June 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 5 3 2 3 5 7 3 .)/1/33
Cook Station   1870 Crarkford   5 37 49 9 127 - 74   Thomas J. Gorman   3   Ozark   6452   Christian   12 37 01 93 13   1150   74   11158   1. Reed   Crank Mountain   1800 Iron   10 37 27 9 20 38 - 74   Thomas J. Gorman   3   Ozark   6460 Taney   12 36 40 33 07 700   A   Empire Dis El Cook   Crystal City   N   2031   Sefferson   6 35 14 90 23   420 59   5P   Oscar F. Tidd   2 3 5   Oscar	3 ,
De Sato 2220 Jefferson 6 130 09 90 34 - 7A Roy E. Dewey 3 Patronshurg 6555 Daviess 4 40 03 94 09 - HID Wade D. Moody Destrer 2235 Stoddard 10 136 47 99 59 - 6A J. L. Jackson 3 Perry 6533 Ralls 6 39 26 91 40 710 MID Pew. C. B. Green Dosiphan 2 W 2234 Ripley 1 36 37 90 50 344 67 6P Boyce Lackey 2 3 5 Perryville 6641 Perry 6 39 43 09 52 - 5P 7A John S. Hagan Dosiphan 2 W 2234 Ripley 1 36 37 90 51 - 7A Geo. Saungardner 3 Pierce City 6678 Lawrence 0 36 57 94 00 - 7A John P. Davis Dora 2020 Dazk 12 36 46 92 13 - MID Alla M. Deubree C Pleasont Hill 5744 Cass 9 31 43 94 17 - 6A Dean 7. Enorpp	3 3 3 5 3 3
Dora 2302 Ozark 12 36 46 92 13 - MID Alta M. Deupree C Pleasant Hill 6748 Cass 9 33 43 94 17 - 6A Deap T. Knorpp	3 3 5
Downing 2319 Schwyler 6 40 29 92 22 - MID Edward L. Reeler C Polo 6775 Caldwell 7.39 33 94 02 1015 7A Ralph C. Ulbrighten C Polo 6775 Caldwell 7.39 33 94 02 1015 7A Ralph C. Ulbrighten C Polo 6775 Caldwell 7.39 33 94 02 1015 7A Ralph C. Ulbrighten C Polo 6775 Caldwell 7.39 33 94 02 1015 7A Ralph C. Ulbrighten C Polo 6775 Caldwell 7.39 33 94 02 1015 7A Ralph C. Ulbrighten C Polo 6775 Caldwell 7.39 33 94 02 1015 7A Ralph C. Ulbrighten C Polo 6775 Caldwell 7.39 33 94 02 1015 7A Ralph C. Ulbrighten C Polo 7A Color Ralph C. Ulbrighten C Polo 7A Color Ralph C. Ulbrighten C Polo 7A Color Ralph C. Ulbrighten C Polo 7A Color Ralph C. Ulbrighten C Polo 7A Color Ralph C Polor Ra	3 3 3 2 3 5 2 3 5
Etlan 2482 Knox 6 40 10 92 10 - 7A Paul D. Pettit 3 Potosi 2 S 6828 ambington 6 37 54 90 47 - MIDirthur M. Riehl Eldon 2900 Multer 7 78 80 92 35 934 87 59 Arthur M. Princeton 6668 Mercer 4 40 24 93 6 435 59 Police Local 2 3 5 Princeton 6668 Mercer 4 40 24 93 6 435 59 Police Local 2 3 5 Princeton 6668 Mercer 4 40 24 93 6 435 59 Police Local 2 3 5 Princeton 6668 Mercer 4 40 24 93 6 435 59 Police Local 2 3 5 Princeton 6668 Mercer 4 40 24 93 6 435 59 Police Local 2 3 5 Princeton 6668 Mercer 1 40 24 93 6 435 59 Police Local 2 3 5 Princeton 6668 Mercer 1 40 24 93 6 435 59 Police Local 2 3 5 Princeton 6668 Mercer 1 40 24 93 6 435 59 Police Local 2 3 5 Princeton 6668 Mercer 1 40 24 93 6 435 59 Police Local 2 3 5 Princeton 6668 Mercer 1 40 24 93 6 435 59 Police Local 2 3 5 Princeton 6668 Mercer 1 40 24 93 6 435 59 Police Local 2 3 5 Princeton 6668 Mercer 1 40 24 93 6 435 59 Police Local 2 3 5 Princeton 6668 Mercer 1 40 24 93 6 435 59 Police Local 2 3 5 Princeton 6668 Mercer 1 40 24 93 6 435 59 Police Local 2 3 5 Princeton 6668 Mercer 1 40 24 93 6 435 59 Police Local 2 3 5 Princeton 6668 Mercer 1 40 24 93 6 435 59 Police Local 2 3 5 Princeton 6668 Mercer 1 40 24 93 6 435 59 Police Local 2 3 5 Police Local 2 3 5 Princeton 6668 Mercer 1 40 24 93 6 435 59 Police Local 2 3 5 Police Local 2 3 5 Police Local 2 3 5 Princeton 6668 Mercer 1 40 24 93 6 435 59 Police Local 2 3 5	2 3 5 3 3 3
Richmond 7 N   714 Ray   7,39 23 93 55 - MID Orelia E. Smith   Salidary   7,39 23 93 55 - MID Orelia E. Smith   Salidary   7,39 23 93 55 - MID Orelia E. Smith   Salidary   7,39 23 93 55 - MID Orelia E. Smith   Salidary   7,39 23 93 55 - MID Orelia E. Smith   Salidary   7,39 23 93 55 - MID Orelia E. Smith   Salidary   7,39 23 93 55 - MID Orelia E. Smith   Salidary   7,39 23 93 55 - MID Orelia E. Smith   Salidary   7,39 23 93 55 - MID Orelia E. Smith   Salidary   7,39 23 93 55 - MID ORELIA E. Smith   7,30 23 93 55 - MID ORELIA E. Smith   7,30 23 93 55 - MID ORELIA E. Smith   7,30 23 93 55 - MID ORELIA E. Smith   7,30 23 93 55 - MID ORELIA E. Smith   7,30 23 93 55 - MID ORELIA E. Smith   7,30 23 93 55 - MID ORELIA E. Smith   7,30 23 93 55 - MID ORELIA E. Smith   7,30 23 93 55 - MID ORELIA E. Smith   7,30 23 93 55 - MID ORELIA E. Smith   7,30 23 93 55 - MID ORELIA E. Smith   7,30 23 93 55 - MID ORELIA E. Smith   7,30 23 93 55 - MID ORELIA E. Smith   7,30 23 93 55 - MID ORELIA E. Smith   7,30 23 93 55 - M	3
Faretington CAA Ap   2311 St. Francoin   6 37 46   90 24   898 WID WID U.S. Civil Aeros Adm 2 3 5   Fayette   2323 Bheart   73 90 9 24   76 60 67 60 Pirton E. Scheell   2 3 5   Fayette   2328 Bheart   73 90 9 24   76 67 60 Pirton E. Scheell   2 3 5   Fayette   23 5   Fayette	2 3 5
Fredericktown 3038 Madison 10 37 33 90 17 - 7A R. R. Leelle 3 Sint Carles 7 3 45 8 91 14 - 7P U.S. Forest Service 3 Sint Charles 397 St. Charles 7 3 47 90 29 490 69 7A Charles J. Koening Fulton 4 8s 377 Callawsy 7, 38 51 91 57 915 58 94 F. F. Billgarter 2 3 5 C Saint Lames 3 NW 7424 Phelps 5 36 01, 91 40 1005 MMD William S. Jones Gallatin 2 NZ 3102 Davies 4 59 58 35 7 - 7A Frank Rerebiberger 3 3 Saint Louis WB AP 745 Saint Louis 7, 38 45 90 23 552 MLD MID U.S. Weather Bureau	3 3 3 3 7 2 3 5 7
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### STATION INDEX

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TANKE CODM 1. Black 2. Chariton 3. Gasconade 4. Grand 3. Warmer 6. Wiseissippl 7. Wissouri B. Neosho 9. Osene 10. Saini Francis 11. Saina 12. Spring 13. Tarkio 14. White

### REFERENCE NOTES

four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers has a state.

ea and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

ervation times given in the Station Index are in local standard time.

wyed data and corrections will be carried only in the June and December issues of this bulletin.

thly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

tinn names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

ntberwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles.
we days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by
soct following Table 6.

et and bail were included in snowfall averages in Table 1, beginning with July 1948.

nta in Table 3 are from non-recording gages, unless otherwise indicated.

a Tables 3. 5. 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR
IT in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or
e. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of
al wariability in the snowpack result in apparent inconsistencies in the record.

- Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.

  No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

  And also on a later date or dates.

  Amount included in following measurement, time distribution unknown.

  Gage is equipped with a windshield.

  Adjusted to a full montb.

  Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

  I water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

  One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, bave been adjusted to represent the value for the full montb.

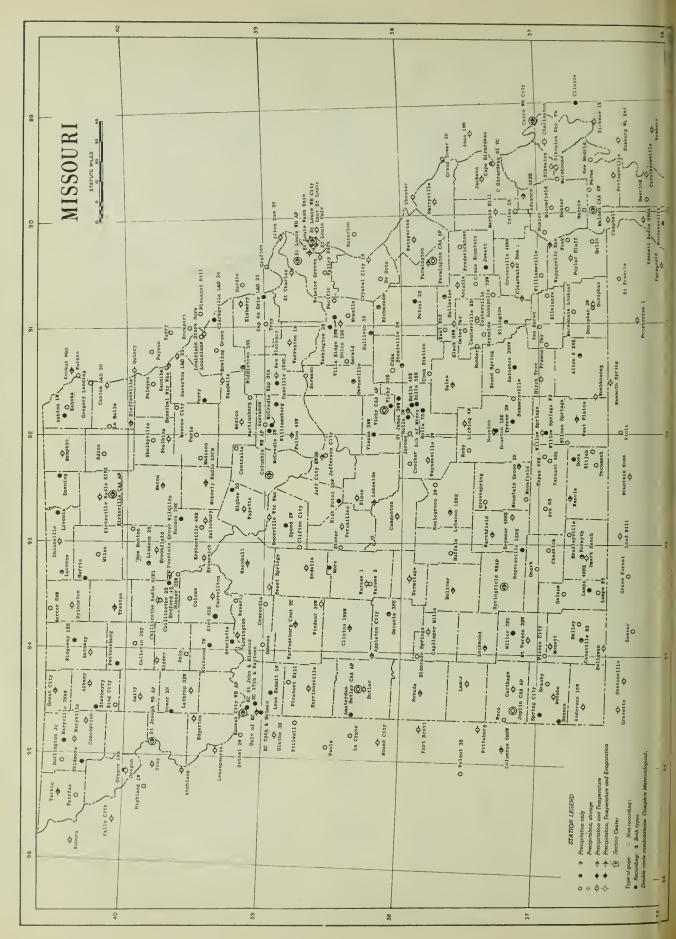
  Daily values and monthly total from recording gage.

  Trace, an amount too small to measure.

  Includes total for previous month.

Description Price: 15 cents per copy; monthly and annual, \$1.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should be apable to the Superintendent of Documents, Prince Printing Office, Washington 25, D. C.

W.R.I.C., Kansas City, Mo. -- 3-23-54 -- 945



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51.05 UNMS V.SX<sup>2</sup>

U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

# **MISSOURI**

THE I ITTIRY OF THE

MAY 5 1954

UNIVELLOR - LEINE O

FEBRUARY 1954
Volume LVIII No. 2





### MISSOURI - FEBRUARY 1954

### H. F. Wahlgren, Section Director - Saint Louis

### WEATHER SUMMARY

February became the tenth consecutive month of "warmer-and drier-than-normal" weather. However, rainfall amounts were nearer normal this month than at any time since last April. The drought-stricken northwest received temporary relief from its long dry spell as near normal precipitation fell during the middle and end of February. St. Louis, Franklin, Jefferson, and Osage Counties comprised the area which had less than one inch of precipitation. The greatest departure from normal precipitation was at Sullivan 5 E which reported 0.56 inch or 1.89 inches below normal. The greatest above-normal departure was at Pleasant Hill which received 2.55 inches of precipitation, or 1.08 above normal. The Stat average precipitation for February was 1.72 inches, or 0.38 inch below normal. Average temperatures were well above normal. The State average was 44.5°, or 10.8° above normal. This tied the high record made in February 1930. Anderson, in the extreme southwest, recorded the highest daily temperature, with 83°, on the 10th. The lowest temperature in the State was at Tarkio on the 9th and Macon on the 12th. The greatest departure occurred at Maryville, namely 16.1° above normal. In addition, Bethany and Conception reported departures of +15.1° and +15.6 respectively. The greatest monthly range of temperature was experienced by Ander son, which recorded a high of 83° and a low for the month of 13°. For the fourth consecutive month, Caruthersville, in the southeast corner, had the highest mean temperature, 50.7°. The lowest mean temperature was at Memphis, 37.7°. The coldest days were the 7th, 8th, and 12th, with most stations reporting their lowest temperatures on one or more of these dates.

Snow fell on six days in February, with the heaviest concentration occurring at Gerald, where 4.0 inches was reported for the month. Sleet fell in the southwest and northeast quarters on the 25th and in the south-central on the 27th. Hail, which was associated with widespread thunderstorm activity on the 15th and the 16th, fell in the Butler, Columbia, Sikeston and Springfield areas. Thunderstorm activity was Statewide on the 15th, 16th, 19th and 20th. High winds accompanying the storms caused minor property damage on those dates. Most stations hat two or three thunderstorms in February, except West Plains which had four.

Although the first part of February was relatively dry, the remainder of the mont was favored with sufficient moisture to partly replenish the dried soils. Oat an barley sowing was accelerated in most areas of the State, following these rains i the middle and latter part of the month. Water hauling for livestock, which was limited to the "bootheel" areas during January was prominent in all sections by the end of February. In spite of substantial precipitation in February, much greater amounts are needed to establish normal water reserves. The feed situation has been unfavorable in most sections. Supplemental feeding was necessary to maintain livestock in condition and to promote growth. Moreover, new feed prospects continue unfavorable in the light of dried topsoils. Runoff continued deficient, with the key well station at Jerome, on the Gasconade River, reporting a record low for the fourth month in succession.

Severe storm damage for the month was concentrated in the southeast corner of the State. Caruthersville, in Pemiscot County, was hit by a late afternoon hailstorm on the 27th, which damaged buildings, automobiles and equipment. Depth of hail on the ground was 1 ½ inches. Damage was estimated at \$187,000. Electrical storm were extensive on the 15th and 16th, with only minor damage being reported. The Cooperative Observer at Belleview, Mrs. Beulah M. Alexander, was severely burned when a lightning bolt struck the telephone switching equipment which she was operating. Estimated property damage was set at \$500. Mississippi County was rocked by an earthquake on the morning of the 7th. Duration of the quake was 10-seconds no significant damage was reported.

All streams were below flood stage this month. -- JPC

# SUPPLEMENTAL DATA

MISSOURI FEBRUARY 1954

	Wind	direction		Wind m.	speed p. h.		Relati	ve hum	idity ave			Numi	per of d	ays with	precip	itation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fasteet	Direction of fastest mile	Date of fastest mile	12:30A CST	6130A CST	12:30P CST	6:30P CST	Trace	6010	1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to st
LUMBIA WB AP	wsw	10	12.2	36	NW	15	67	73	50	53	0	3	3	1	0	0	7	70	5.9
NSAS CITY WB AP	SSW	15	11.6	47	s	14	61	70	52	46	3	1	1	2	0	0	7	68	5.1
JOSEPH WB AP	-	-	12.8	34	s	14	-	73	49	48	0	2	2	0	1	0	5	69	5.1
LOUIS WE CITY	NWT	12†	14.1	45	SW	14	70†	77†	53†	59 <b>†</b>	4	4	2	0	0	0	10	69	5.3
RINGFIELD WB AP	s	14	15.4	43	S	19	72	76	. 56	62	3	1	2	1	0	0	7	67	4.6

† -- airport data

# COMPARATIVE DATA

bie l						
	Te	mperatu	10	P	recipitatio	n.
Year	Average	Highest	Lowest	Average	Average	
1888	33.0	73	-17	2,22		
1889	29.3	73	- 9	2.74		
1890	35.5	81	- 8	2.71		
1891	32.7	78	-13	2.45	2.4	
1892	37.7	71	2	4.31		
1893	27.9	65	-20	2.17	4.6	
1894	30.8	72	-12	2.70	11.2	
1895	23.6	77	-26	0.57	3.3	
1896	35.6	81	-10	1.67	4,1	
1897	34.8	74	-15	2.51	8.2	
1898	35.4	78	- 9	1.81	0.8	
1899	20.4	72	-32	2.30	5.3	
1900	26.2	70	-16	4.00	16,6	
1901	28.1	76	-19	1.74	7.6	
1902	24.0	72	-17	1.62	5.5	
1903	29.8	74	-25	3.25	5.8	
1904	30.0	82	-18	1.02	1.5	
1 905	21.5	69	-40	1.68	13.2	
1906	33.7	73	-13	2.42	4.8	
1907	34.8	77	-15	1.28	4.5	
1908	35.6	78	- 7	4.32	4.1	
1909	38.8	71	- 4	3.24	3.1	
1910	28.3	72	-24	2.17	10.2	
1911	38.1	87	0	3.78	6.7	
1912	28.3	72	-12	2.51	14.5	

	Te	mperatu	re	Pr	recipitatio	n
Year	Average	Highest	Lowest	Average	Average	
1913	29.8	78	- 9	2.15	8.5	
1914	28.3	75	-11	2.80	14.0	
1915	39.4	72	7	3.07	4.1	
1916	31.4	78	-12	0.98	5.0	
1917	30.5	83	-22	0.42	1.4	
1918	34.9	85	-25	1.06	0.6	
1919	35.3	71	-10	1.96	6.4	
1920	34.5	78	- 5	0.62	1.2	
1921	40.1	86	- 5	1.03	1.8	
1922	35.4	80	- 5	1.83	1.9	
1923	30.2	75	- 9 - 5	1.58	1.4	
1924	33.8	79		1.84	8.1	
1925	38.7	78	1	1.88	1.7	
1926	39.4	76	- 4 1	2.07	2.9	
1927	41.3	78	1	1.07	2.3	
1928	37.0	73	- 2	2,27	1.8	
1929	25.0	64	-23	1.96	9.4	
1930	44.5	89	- 5	1.75	1.3	
1931	40.9	75	5	2.49	0.3	
1932	42.4	83	- 3	1.47	2.0	
1933	32.2	78	-22	1.45	4.2	
1934	32.5	79	-26	1.34	7.0	
1935	37.4	80	0	1.54	0.2	
1936	23.2	78	-25	1.50	4.1	
	20 4	7.4		1 22		

	Te	mperatu	re	P	recipitation
Year	Average	Highest	Lowest	Average	Average
1938	41.4	80	- 5	3.20	5.0
1939	33.0	71	- 9	3.17	8.8
1940	33.5	78	-11	1.59	5.5
1941	32.7	66	0	0.58	2.2
1942	33.0	74	-10	3.00	6.6
1943	39.1	80	-10	0.94	0.9
1944	37.9	82	-21	3.10	7.5
1945	35.5	85	-13	4.05	5.1
1946	40.8	75	- 1	2.81	2.6
1947	28.8	73	- 8	0.26	3.5
1948	33.3	78	- 9	2.16	6.3
1949	35.3	72	-11	2.58	1.1
1950	36.1	74	-13	2.65	0.8
1951	35.8	79	28	4.52	5.0
1952	40.2	78	11	2.25	2.4
19 <b>5</b> 3 1954	40.1 44.5	75 83	0 7	1.66 1.72	0.3

ages for the period 1949 to date bave been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

					Temp	perati	ıre									P	recipi	itation				
					3					150	No.	of Day			a	<b>*</b>		Snow.	Sleet, H	لله	No.	of Dey
Station		Average	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Max.	Below 32" or Relow	D. or Below	Total ,	Departure From Norma	Greatest Day	Date	Totel	Max. Depth on Ground	Date	2	.50 or More 1.00
NORTHERN DIVISION																						ï
ALBANY AMITY BETHANY BROOKFIELO BRUNSWICK		55.0 56.4 55.0 57.6 57.5	30.4 30.5 30.1 31.2M 31.2	42.7 43.5 42.6 44.4M 44.4	15•1 14•6	73 74 73 76 76	14 14 14 14	8 11 9 13 15	7 7+ 7 12 12	617 597 623 576 573	0	0 17 0 18 0 17 0 17	000	1.65 1.59 1.52 2.43 2.22	0.03 0.07 0.10	0.68 0.80 1.00 1.40 1.62	20	T T	0 T 0 0	1+	4 4 3 3	? ? 1 ? 1
CANTON L ANO 0 20 CARROLLTON CHILLICOTHE RADIO KCHI COLUMBIA WB AIRPORT CONCEPTION	R	52.7 55.7 57.0 53.9 57.1	28.5 30.8 29.6M 31.6 30.5	40.6 43.3 43.3M 42.8 43.8	9.5 11.0 9.1 15.6	75 76 76	14+ 14 14 14	10 9 14 15 11	12 12 12 12 12	675 602 613 617 588	0	0 21 0 16 0 18 0 14 0 18	0	1.52 2.35 1.60 1.29 2.06	0.26 0.15 - 0.28 0.91	1.02 1.28 0.67 0.65 0.93		0.7 0.5 2.1 0.0	T 0 0 2	28	4 5 4 4 3	1 1 1 1 2
EDGERTON FLSBERRY FAYFITE FOUNTAIN GROVE WILOLIFE FULTON 4 SW		57.9 49.6 56.4 57.5 53.7	30.8 28.5 30.5 28.5M 29.0	44.4 39.1 43.5 43.0M 41.4	10.1 5.3 12.9 8.3	75 76 76 75 76	14 15 14 14+ 15	14 11 12 15 14	7+ 12 12 7 12+	570 597 617	0	0 19 0 19 0 18 0 21 0 21	0 0 0	1.43 0.83 1.13 2.32 0.76	0.09 - 0.83 - 0.57	0.62 0.32 0.46 0.78 0.28	16	0.0 0.8 1.0 0.0 0.8	0 T 1 0	28 27	3 3 6 4	? 0 0 2 0
GRANT CITY HANNIBAL WATERWORKS KANSAS CITY WR AP KIOOER KIRKSVILLE RADIO KIRX	R	54.0 50.0 56.2 52.8	29.5 30.8 34.5	41.8 40.4 45.4	13.2 10.7 10.8	73 72 76	14 14 14	9 12 17	12 12 12	644 683 541		0 19 0 16 0 7	0	1.46 1.24 1.75	0.35 - 0.62 - 0.59	1.09 0.73 0.78	15 19	T 1.0 0.2	T T	26 25+ 27	3 4 3	1 1 2
KIRKSVILLE CAA AP LATHROP 3 SW LOUISIANA STARKS NURSERY MACON MARYVILLE	R	50.3 55.5 55.6 51.3 54.2	27.5 31.2 29.4	38.9 43.4 42.5 41.9	11.6	72 75 77 73	14 14 14 15+ 14	9 14	12 7+ 12 12	723 597 626	0 0 0 0	1 21 0 16 0 19 0 0	0 0 0	1.53 1.43 1.04 2.28 1.71	- 1.04 0.58 0.28	1.11 0.73 0.38 1.71	15 16 16 16	T 0•3 T T	T T O T O	27 27 28	2 3 4 3	1 0 1 2
MFMPHIS MEXICO MOBERLY RADIO KNCM NEW FLORENCF OREGON		50.0M 53.1 52.8 55.5 55.7	25.4 29.0 30.5 31.3 31.3	37.7M 41.1 41.7 43.4 43.5	10.7 11.0 8.8		15 14 14 14	8 12 12 12 12	12 12	646 601 596	0	0 22 0 18 0 19 0 17 0 15	000	1.27 0.90 1.34 0.86 0.86	0.30 - 0.95 - 0.18 - 0.51	0.72 0.39 0.45 0.42 0.68	16 16 16	0.0 0.3 T 3.5 0.0	0 T T 2	28 1 27	3 4 4 3 2	1 0 0 0
PRINCETON ST CHARLES SAINT JOSEPH WR AP SALISAURY SAVERTON L AND D 22	R	55.8 57.6M 54.5 55.7 53.6	28.1M 33.2M 29.9 31.7 32.0	42.0M 45.4M 42.2 43.7 42.8	12.1 10.4 11.0	75	14 14 14 14 14	9 15 14 13 13	7 12 7 12 12	635 544 630 587 615	0 0 0 0	0 21 0 17 0 20 0 13 0 15	0	1.61 0.84 1.72 2.57 0.84	- 1.15 0.71 - 0.63	0.78 0.55 1.35 1.25 0.45	16 19 16	0.0 0.0 T	0 0 0 T 2	1+	3 2 3 4 3	1 1 2 0
SHELBINA STEFFENVILLE TARKIO TRENTON UNIONVILLE		55.1 53.6 54.1 56.9 51.9	30.1 30.0 27.8 31.6 28.4	42.6 41.8 41.0 44.3 40.2	12.1 12.0 14.9 13.5	73 73 73 74 70	14 14 14 14 14	11 9 7 13 8	12 12 7 12 12	622 645 669 571 691	00000	0 19 0 19 0 21 0 15 0 19	000	1.82 1.86 1.14 1.43 1.33	- 0.02 0.09 - 0.14 - 0.15 - 0.44	1.43 1.33 0.80 0.67 0.45	16 19 20	0.0 1.5 T T	0 1 0 T T	26 26 27+	3 3 3 3 4	1 1 1 1 0
VANOALIA WARRENTON 1 N DIVISION SOUTHWEETERN DIVISION		57.9	32.9M	45.4M 42.5	14.5	. 77	14	12	12	545	0	0	0	0.48	- 1.41 - 0.05	0.20	28	1.5	т	27+	3	0
ANOERSON 1 SW APPLETON CITY AOLIVAR ROONVILLE WATERWKS RUTLER		61.6 59.5 58.8 52.1 61.5	27.8 32.5 34.0 29.8 33.2	44.7 46.0 46.4 41.0 47.4	9.0 12.1 11.2 8.9	83 77 76 75 76	10 14 14 15 14	13 15 18 14 15	12 12	564 528 515	0 0 0 0	0 22 0 17 0 12 0 19 0 15	000	0.78 1.50 1.72 1.41 1.92	- 1.00 - 0.17 - 0.38 - 0.37	0.70 0.81 0.75 0.43 0.82	19 28	0.0 0.5 1.0 2.2 0.2	0 T 1 1 T	27 27 28 27	1 4 5 5	1 1 2 0 1
RUTLER CAA AP CAMOENTON CAPLINGER MILLS CARTHAGE CLINTON 1 NNW		57.0 61.0 59.9 61.2 55.8M	31.8 30.3 31.2 32.9 27.6M	44.4 45.7 45.6 47.1 41.7M	8.1		14 14 14 14 15	14 11 13 17 13	12	571 536 537 498	0 0 0 0	0 16 0 18 0 17 0 15	0	1.63 2.13 1.17 1.26 1.20	- 0.14 - 0.75	0.99 0.65 0.80 0.87 0.55	16 19 20	1.7 0.0 T	T 1 0 0	28 27+	3 5 2 3 3	1 1 1 1
FLOON HARRISONVILLE HFRMITAGE JEFF CITY KWOS JOPLIN CAA AP		58.4 58.6 59.5 57.6 57.6	32.7 33.2M 26.1M 32.1 35.2	45.6 45.9M 47.8M 44.9 46.4	12.5 15.2 12.8 10.6	76 77	14 14 14 14 14	14 15 9 15 20	7 12 12	539 531 622 561 516	0	0 15 0 21 0 17 0 8	0 0	0.91 2.56 1.24 1.07	- 0.69	0.31 1.49 0.85 0.35 0.87	16 20 16	2.5 0.0 0.0 1.0	2 0 0 1 T	27 28 28	3 3 4 2	0 2 1 0 1
K C UNIV OF K C LAKESIOE LAMAR LEBANON 1 ENE LFXINGTON		56.5 56.2 58.1 58.3 53.9	33.5 27.6 31.1M 32.9 31.0	45.0 41.9 44.6M 45.6 42.5	'9.4 7.9 9.3 11.2 11.5	77 76 76	14 15 15 14 15	13	12 12 12	553 537	0 0 0 0	0 13 0 24 0 0 14 0 15	0 0	2.10 1.50 1.49 2.17 2.45	- 0.28 - 0.02	0.51 1.20	16 21 20	0.0 1.0 0.0 4.0 0.0	0 T . 0	28	5 3 2 4 4	2 1 1 2 2 2
LOCKWOOD MARSHALL MARSHFIELO MONETI MOUNTAIN GROVE 2 N		60•? 57•6 58•8	33.9 32.5 32.8	47.1 45.1 45.8	10.1	74	14 14 14+	18 16 16	12 12 12	504 552 529	0 0	0 19 0 14 0 13	0	1.37 1.72 1.62		0.78 0.72 0.83	16	2.0 1.0 0.7	0 1 1	27	3 4 3	1 2
MOUNT VERNON 3 SW NEOSHO NEVAOA OZARV REACH SEDALIA		58.4 62.8 61.8M 62.3 58.6	32.6 31.1 34.7 25.3M 32.5	45.5 47.0 48.3M 43.8M 45.6	11.0 9.4 14.4	74 77 77 79 75	14 10 14 15 14	19 16 18 15 16	12 7+ 8	541 499 461 540	0	0 15 0 17 0 12 0 24 0 12	0 0	1.29 1.34 1.44 1.17 1.11	- 0.65 - 0.31 - 0.63	0.68 0.79 0.88 0.92 0.35	19 20 20	0.0	1 0 0 0	27	4 3 3 2 4	1 1 1 1 0

BLE I CONTINUED																					FEBR	JARY	/ 19	54
	1				Tem	perat	ure							_			P	recipi	itation					
					-							lo. of				7	*		Snow.	Sleet, H	ail	-	ol 0	Ays
Station		. 8	. 8		forms	_				Days	Ma	x.	Mi	n.		e a co	st Day			epth und		More	More	9
		Average Maximun	Average	Average	Departure From Normal	Highes	Date	Lowest	Date	Degree	\$0° or Above	32° or Below	32° or Below	0° or Below	Total	Departure From Normal	Greatest	Date	Total	Max. Depth on Ground	Date	.10 or 3	.50 or	1.00 or More
LIGMAN VMUIR & NNE VMUIR & NNE VINGFIELO WA AP EET SPRINGS KAILLES	R	60.0 56.6 55.1 58.0 56.6M	33.0M 32.4M 32.8 30.9 32.9M	46.5M 44.5M 44.0 44.5 44.8M	9.0 9.5 7.2	81 72 75 77 75	14	20 20 18 14 14	7+ 12 12	514 569 584 570 556	0 0 0 0	00000	13	0 0 0 0	1.25 1.20 1.43 1.67	- 0.59 - 0.98 - 0.33	1.15 1.08 0.88 0.71 0.59	20 19 16	T T 2•2 2•5	0 0 7 1 0	27 27	2 2 3 4 5	1 1 1 1 1 1	1 0 0 0
RRENSRURG CENT T C RSAN NO 1 NLA NESVILLE 7 W NDSOR 3 NW		58.5 60.5 60.4 61.3 57.0	35 • 3 . 30 • 4 34 • 3 30 • 5 32 • 8	46.9 45.5 47.4 45.9 44.9	14.4 9.9	75 78 75 78 75	14 14 14	16 12 18 12 14	12 12 12	501 542 492 531 558	00000	0	11		1.53 1.27 1.04 1.38 0.83	- 0.35 - 0.97	0.65 0.66 1.04 0.75 0.33	20 20 16	0.0 0.0 2.0 2.0	T 0 0 T 2	28 27 28	3 1 4 3	1 1 0	0 0 1 0
VISION  MEASTERN DIVISION				45.2	11.1										1.46	- 0.52			0,9					
LANCE 5 ESE LADIA CH TREE ACK 6 MW PE GIRARDEAU MO ST		59.9 60.2M 61.7 60.3 59.8	33.5 29.7 28.6 33.6	46.7 45.7 44.5 46.7	7.9 9.4 10.2	72 73	15 10	19 14 13 16	8 12	508 534 569 510	00000	0	20	0	2.65 2.63 2.45 2.93	- 1.11 0.13 0.17 0.53	1.54 1.61 2.12	16 16	0.0 0.0 T T	0 0 0		2 3 4 2	2 2 1 2	1 1 1 1
UTMERSVILLE RLESTON ARNATER OAM STAL CITY 1 N		63.4 60.5 61.0 58.6M 63.0	37.9M 36.4 30.8 31.7M 31.5	50.7M 48.5 45.9 45.2M 47.3	10.4	76 75 73 75	27 25 25 15	21 20 14 16 15	8 12	398 459 529 552 491	00000		9 19	0	2.42 2.38 2.34 1.13 3.00	- 0.96 - 0.74 - 0.31	1.02 1.47 1.25 0.72 1.62	16 16 16	1.0 T 0.0 0.0	0 0 0 0		4 3 3 3 4	2	1 1 0 1
MINGTON CAA AH ENVILLE 4 NNW STON KSON		57.4 55.6 61.1 58.3 60.9	33.1 30.5 31.0 32.0 33.4	45.3 43.1 46.1 45.2 47.2	8.4 10.3 10.8 10.7		10 14+	15 15 16 16 18	8+ 12	547 607 525 551 494	0	0	18 17 18	0	2.41 2.46 2.77 1.93 2.78	- 0.11 0.05 - 0.32 - 0.10	1.76 1.03 1.40 1.02 1.90	16 16 16	1.0 1.0 T	1 1 0 0	28 28	4 4 2 7	2	1 1 1 1
PHETT RADIO KBOA HENNONG KING 4 N DEN CAA AP RLE HILL	R ·	63.3 61.3M 55.5 60.0 61.8	36.3 30.2 34.5 30.7	49.8 42.9 47.3 46.3	5.0 9.7	75	9+ 15 15	18 20 15	12 12	421 495 519	00000	0	19	0 0 0	2.91 2.87 1.17 2.79 3.37	0.01 - 1.24 0.29	1.76 1.78 0.51 1.68 1.73	16 20 16	0.0 T 0.5 T	0 0 1 0 0	28	3 2 3 3 5	1 2	2 1 0 1 2
RYVILLE PLAR BLUFF TTAGEVILLE LA SCHOOL OF MINES NY LOUIS WA AP	R	59.1 62.0 55.5 54.1	34.5M 34.5M 37.5 33.0	46.6 49.8 44.3 43.8	8.0 8.1		10+ 15+ 15	17 19 22 15	8 12 12	511 422 588	0	0 0	12 6 14	0	3.76 2.96 2.36 0.93 0.67	0.07 - 1.12 - 0.99	1.52 1.44 1.58 0.46 0.35	16 16 16	T 0.0 0.0 2.0 T	0 0 0 2 0	28	4 3 2 3	2	2 2 1 0 0
NT LOUIS WA CITY NT LOUIS UNIV NT LOUIS WASH U EM ESTON	R	54.4 55.4 53.5 56.6 58.2	35 · 3 35 · 8 33 · 2 28 · 6M 32 · 7	44.9 45.6 43.4 42.6M 45.5	8.2 10.7 9.6 6.8 8.3	74 73 73	15 16 11+	17 18 17 15	12 12	559 540		0 0 0	8 14	0 0	0.62 0.66 0.63 1.56 2.54	- 1.26 - 1.65 - 1.64 - 0.72 - 0.68		16 16 17	T T 0.0 0.5	T T 0 1	6+ 28	2 1 2 4 3	0	0 0 0 0
ESTON CROP EXP FARM  % 1 SE  HY CAA AP  PAPELLO DAM  STER GROVES		59.0 58.4 55.8 58.1 55.2	35.5 30.1 31.4 34.4 32.8	47.3 44.3 43.6 46.3 44.0	6.9 9.0	76	14 14 16	20 14 13 20 15	12 12 8+	493 578 597 586	0 0	0 0	21 17 13	0	2.37 0.63 1.33 3.05 0.50	- 1.57 - 0.56	0.50	16 16 16	T T 3.0	T T O O T	7 28 27	4 3 4 3 1	0 1 2	1 0 0 ?
NGARTEN T PLAINS LOW SPRINGS		58.2 58.4 58.6	35.2M 31'.1 31.0	46.7M 44.8 44.8	6.2	74 73 72	9	15 20 18	8	530 560 556	ő	0			2.37 2.80 2.07	- 0.69 - 0.49		15	0.0 T T	0 0		3	2	1 1 0
IVISION				45.8	8.9										2.14	- 0.58			0.3					
TATE				44.5	10.8										1.72	- 0.38			0.5					

Table 3	,																													FEBR	TEPY
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	Da 13	y of m	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
AOVANCE 5 ESE ALBANY ALTON 6 ENE AMITY ANOERSON 1 SW	2.65 1.65 - 1.59	-	-	-	-	-	-		-	-	-	-	-	_	-	-	1.80	-	-	-68	.85 .60 -	.10	-	-	-	-04	-	.23	T - 7 .07		I
ANNAPOLIS 7 SW APPLETON CITY ARCAGIA AUXVASSE AVA RANGER STA	2.22 1.50 .49 1.56															. 06 T	1.13 .22 1.35 .15 .28	.40		.03	.60 .12 .51 .10	. 05		.05				.29 - .16	.09		
BELLEVIEW BERNIE BETHANY BIRCH TREE BLACK 6 NW	2.70 1.52 2.63 2.45																1.62 1.53 .26 1.54 1.61	.62 .16		.18	.94 1.00 .80	.04		.04			•02	.1e .08	.03 .02		
BLOOMFIELO BOLIVAR BOONVILLE WATER WKS BOWLING GREEN BRAOLEYVILLE	3.03 1.72 1.41	-	-	-	-	-	_	-	_	٠.	_		-	-	-	T _	1.55 .54 .41 .14	.30 .12 .07	-	.75	1.15 .24 .18	-17	-	-10	-	-	•02	- 18	.03 .01 .43 .21		
RROOKFIELO RRUNSWICK BUFFALO RUNKER BURLINGTON JUNCTION	2.43 2.22 1.71 - 1.52	-	-	-	-	-	-	-	-	-	-	-	-	-	_	-	1.40 T .98	1.62	-	-	.67 .23 .45 -	.03 .06	-	-	-	-02	T - .07	.15	.3T .16		
BUTLER BUTLER CAA AP CAMOENTOM CANTON L ANO O ZO CAPE GIRARDEAU MO ST	1.92 1.63 2.13 1.52 2.93						т	т							<u>T</u>	.16 .39		.10		.82 .99 .40	.26 .02 .30 .01	.05 .11		•03 T		7	.04	•32 •21 •40 T	•30 •24 T		
CAPE GIRAROEAU CAPLINGER MILLS CARROLLTON CARTHAGE CARUTHERSVILLE	2.78 1.17 2.35 1.26 2.42								т							T • 24	1.58 T 1.28 .25 1.02	.45		.80 .21	.75 .08 .28 .87			т	• 05	.07		.29	7 7 •14 •40		
CASSVILLE RANGER STA CENTERVILLE CENTERVILLE RANGER STA CENTRALIA CHAOWICK	1.26 3.60 3.82 .97 1.37																.01 1.43 1.65 .40				1.07 .51 .51 .14	*01 T T		.01			•01		.12 .16 .21 .22		
CHARLESTON CHILLICOTHE 2 S CHILLICOTHE RADIO KCHI CLEARWATER OAM CLIFTON CITY	2.38 1.52 1.60 2.34 1.30															7	1.47 .72 .67 1.25			₹ •25	.72 .46 .34 .74	•11 •02		.06		7	•01	.19	.07 .03		
CLINTON 1 NNW COLOMA COLUMBIA WB AIRPORT R CONCEPTION CONCOROIA	1.20 1.81 1.29 2.06 1.52															•65	.35 1.31 .12			.07		. 23	.02			•01 T		•27 •26 •27	.30		
COOK STATION CRANE MOUNTAIN CROCKER CRYSTAL CITY 1 N CUBA	1.43 2.87 1.52 1.13								т								.60 1.14 .91 .72	.98		• 25	.59 .70 .06	•12 T						• 25	.24 .05 .05 .29		
OEERING OE SOTO OEXTER DONIPHAN OONIPHAN 2 W	2.77 .95 3.00 3.00 2.92							į									1.82 .57 1.54 1.62 1.60	•13 •27 •22		.92	.88 .04 1.08 .22 1.23	.03		.03	. 02			т	7 .18 .08 .02		
EAST ENO EOGERTON EOINA ELOON ELOORAOO SPRINGS	2.41 1.43 1.92 .91 1.46															т	1.05 .51 1.26 .31	• 06		•22 •81		.54 .03 .28		T .01			T .07	•27 •28 •30	.04		
ELIJAH ELLINGTON ELLSINORE 1 N ELSBERRY FAIRFAX	3.25 2.61 2.64 .83 1.22																2.30 1.50 1.73 .32	•25		.69	.95 .71 .17	T •15 •02		.05	<b>,</b>		.05	T . 16	.15 T		
FARMINGTON FARMINGTON CAA AP FAYETTE FISK FORSYTH	2.41 2.46 1.13 3.06		-	_	-	-	T _	T -		-	-	_	-	-	-	- 0	1.26 1.03 .46 1.67			.44	.38 .02 .18 1.17	т -	-	T -	-	т -	_	• 14 • 41	7 7		
FOUNTAIN GROVE WILOLIFE FREDERICKTOWN FREMONT TOWER FULTON 4 SW GALENA	2.32 3.60 2.86 .76															1.43	1.28	.05		-40 T	.23 .75 .81 .02	•11		.10		.01		•27	• 18 • 24 • 28 • 18		
GALLATIN 2 NE GERALO GRANBY GRANT CITY GREENVILLE 4 NNW	1.87 .89 1.16 1.46 2.77																.33 .34		,	.07	1.28 .09 1.02 1.09	.04		.06	5		.04	.19 .39	- 12		
GREGORY LANDING GROVESPRING HAILEY HANNIBAL HANNIBAL	1.85 1.55 1.12 1.60 1.24															•7:	1.40 .40 .03 .85	.03	•	•93	1.01 •14	.25	1	T		.04	•30	.02 T	•12 •02 •15		
HARRISONVILLE HAZLEGREEN 2 W HERMANN HERMIT AGE HOUSTON	2.56 1.66 .71 1.24 1.93																1.49 .63 .24 .11 1.02	.00		.80	.87 .55 .06 .85	•14	4						.20 .14 .19 .28 .07		
JACKSON JEFF CITY RADIO KWOS JEFFERSON CITY JEROMF JOPLIN CAA AP	2.76 1.00 .46 1.13 1.13						т									•0	1.90 .35 .23 .45	.03	3	.87	.85 .12 .05 .13	.02	2	T .04 .03	3		T T	. 16	.03 .33 .10 .24		
KAHOKA KANSAS CITY WB AP R K C UNIV 0F K C KENNETT RAOIO KBOA KEYTESVILLE 4 NE	1.34 1.75 2.10 2.95	5		-	-	-	-	-	-	-	-	-	-	-	-	.6	1.08 T 1.57 1.76		-	.76 .69 .11	.08 .21 1.01		-	.01	· -	т -	T -	•24	- 11		
KIDDER KING CITY KIRYSVILLE RADIO KIRX KIRYSVILLE CAA AP R KOSHKONONG	2 · 2 · 2 · 1 · 5 · 2 · 8	3	:	=	=	Ξ	-	=	-	Ξ	=	Ξ	:	=	:	1:1	78 1 .07 1.78	-	-	- T T	- •32 •24 •97		7	00	- -	02	-	1.00	- 03		
LA BELLE LAMESTOE LAMME LAMPE FOREST SERVICE LATMROP 3 SW	2.0 1.5 1.4 .9																1.68	.0	,		.44 .98 .67	1.20		.04	•	Т	.15	•03	.20 .38 .29 .01		
	1																														

Table 3-Continued

Table 3-Continued								-	_		_			_	_	_													FEBRUARY	1954
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12		of m	onth 15	16	17   18	1	9 20	21	22	23	24	25	26	27	28	29 30	31
BANDN 1 ENE BANDTON LNING 4 N NINEUS 2 S CLUDO	2.17 2.45 1.17 1.92 1.37																.56 1.60 .27 1.40	.38		.81 .54 .51 .52	T •12 T				т		.01 T	.42 .18 .08		
NUISIANA STARKS NUR SIANA KIRNÉ NEOONIA LOOKOUT NOON	1.04 .84 1.37 2.56 2.28										,						.38 .18 .49 1.47 1.71	.13		.10 .38 .16 .15	.06 .14 .22		.05 .05		•05	.08 .04	• 30 • T	.03 .26 .24 T		
DISON LOEW CAA AP R LOEW CAA AP R N FIELO LOELE MILL RSHALL	1.28 2.79 1.70 3.37	-	-	-	-	-	-	T -	-	-	-	-	-	-	-	Т -	.90 1.68 .28 1.73	-42 -		.94 1.20 1.02 	- 15	-	T _10	-	-	-20	•16 -	.18 .01 .07 .10		
a willo	.89 1.71 1.27 1.00																.72 .11	.05 .02		.80 .65 .25 .56	.16 .03 .11		.08		•09 •03	.04 .07	.17	.20 .22 .15		
OOLETOWN 5 NE LAN BERLY PADIO ENCM	1.30 1.46 1.34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-30	.54 .69 .45 -			.58 .28	.02	-	.07 T	-	T _	.04 T	.19	-		
MROE C TY  EMOUSE ISELLE JUSTAIN GROVE 2 N  HONT VERNON 3 5%	2.55 .55 1.62 1.29						ī T				* *				т	т	1.67 .30 .22 .12	•51		.31 .76 .05 .83 .68 .31	•03		.08				.15	.04 .20 .03 T		
VRDA W BOSTON W FLORENCE WALRID T'S TOWER	1.44 1.77 .86 2.67	_	_	_	_	_		т _	_	_	_	_	_	_	Ť	т _	.23 1.20 .42 1.67	.26		.88 .25 .01 .15 T .74	•12 •02	_	T T	т _	.01	т _	.02	.33 .18 T		
SSA GON CEOLA 3 NE NSVILLE ARR	2.50 .86 .95 .86																1.35 .23 .45	T •01		1.00 .68 .44 .10 T	T .02		•01				•18	.15 .26 .31		
ARE REACH LIFTE LIVEA R S	1.17 - 1.73 1.12																.40 1.35 .50	- .09		.09	.17		.01			•03		.75 .20 .18 .28		
BRYYLLE FREE CITY EASANT HILL D POLAR BLUFF MTAGEVILLE	3.76 1.18 2.55 2.29 2.96																1.38 .04 1.21 .54	.13		.70 1.00 .81 1.22	·10		.06	. 05		• 30	•13	.10 .09 .30		
# MGEVILLE WCETON 1 0 1 0 1 N YMOLOS MMOOOS	2.36 1.61 3.11 2.72														Т	т	1.58 .38 1.62 1.62	.42 .05		.08 .78 1.05 1.05	.08		.05 T		.03		.26	.02 T		
LA SCHOOL OF MINES SPRING	.78 1.37 .93 2.82							т									.53 .22 .46 1.32	.48 .09 .87		.10 .64 .18 .63	T •05		.01			T •04		.15 .03 .20		
NT JOSEPH #8 AP R NT LOUIS #8 AP R NT LOUIS #8 CITY R NT LOUIS UNIV	1.72 .67 .62 .66		Ť	Т			T T	T T								.16 .12 .05	.45	•08		.35 .03 .01 .07 .04 .05 .04 .03	•02		*01 T		.02 .01 .01	T T	.16 .10 .10	.07		
SAURY VERTON L AND D 22 ALIA ISMAN	2.57 .84 1.11 1.25 1.20			т												.61	.30 1.25 .45 .33	.52 .05 .12		T .31 .03 .35	•06		Т		.02	•04	.38	.28 .17 .25		
E BINA ELBYVILLE VESTON ELSTON CROP EXP FARM LOAM SPRINGS	1.82 1.45 2.54 2.37							т	Ť							T	1.43 1.12 1.51	•12 T •02		1.08 T .68	.16		.02	• 05		•02	• 15 T	.17		
BINGFIELD WE AP R SELVILLE 2 N FFENVILLE THER THER THER THER THER THER THER THE	1.43 .94 1.86															T	.90 .27 .48 1.33	.20 .12 .07		.88 .06 .12 T	.02	Т	.02			.03	•22	•19 •22		
#### 2 5# ET SPP[#GS P#10 ##SE# 2 M	2.40 2.75 1.67															•28	.42 .99 1.88 .71	.06 .46	- }	.04 .90 .32 .24 .07	.19		т		T •02	Т	• 10 • 37			
PAZ 4 NE ENTON 17 170 1 SF ISMYTLLE	1.43 1.43 .84															•08	.48 .43 .20	.20		1.00 .67	.02				.03	.02 .02 T	•06	.18 .20		
LLEY PARK % BUREN WOALIA %ZAMY & SE @SAILLES	1.20	=	Ξ	-	Ξ	=	-	T	Ξ	Ξ	=	Ī	-	-	Ξ	-	.22			.03  98 T .18	-07	Ξ		-		.03	.17			
CHY CAA AP CO PPAPELLO DAM RPENSBURG CENT T C RRENTON 1 N	1.09 3.05						т	т	т							. 29	.50 .02 1.69	.36		1.00 .16 .06 .91 1.00			. 1.2		Т		.32	.14 T		
RSAW NO 1 RSAW NO 2 FOLA VERLY	1.27 1.25 1.04 2.02 1.38																.30 .25	.04		.66 T 1.04	.64		.06			т	т	.25		
RSTER GROVES WGAPTEN OF PLAINS LLIAMSVILLE LLOW SPRINGS	3.52 2.07						Т	T			т					1.52	1.98	.24		.34 .04 T .07 .37 .90 T	7		.01		•02		.10 T	.05		
LMA S E	3.24																.74 .20 1.82	.31 T		.95 .30 1.03	*04 T		•02					.03		

Table 5																Day	Of	Mont	h												BRUA		9 0
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29 :	30 3	31	Avera
AOVANCE 5 ESE	MAX	65	65 33	61 30	59 28	59 28	52 32	38 27	62	66 34	64	59	39	60	68	74	71	54	54	62	59	65	60	55	58	70	63		46			Ì	59.
AL8ANY	MAX	55	59 33	49	57 35	54 25	47	45	65	63	30 53 29	45 19	19 40 13	62	73	69	46 56 32	30 63	30 61 33	53 40	38 52 38	38	30 58	48	64	58	51	38 47	29			1	33. 55.
AMITY	MAX	55	60	53	58	57	52	43 11	66 27	64	59	47	41	59	74	69	56	60	60	54	53	32	25 58	50	67	62	55	53	45				30. 55.
ANDERSON 1 SW	MAX	60	62	50	59	60	46	39	60	71 24	83 25	60	52 13	35 61 29	46 76 54	70	31 67 39	33 65 18	33 66 25	40 58 48	37 53 35	32 61 25	70 24	35 59	69	32 65	70	67	26 45			ı	30.
APPLETON CITY	MAX	58	65 29	56 32	60	60	48	42	65	68	62	53	48	65	77	72	64	62	63	60	49	55	67	31 59	70	60	63	50	45				<ul><li>59.</li></ul>
ARCAD1A	MAX	64	64	60	58	30 55	45	18	62	38 68	70	31 65	15	33 56	50 68	72	38 68	29 57	55	60	34 55	60	30 60	35 55	65	35 68	62	50	29 42			ı	32. 60.
8ETHANY	MAX	55	56 35	55 25	56 34	54 24	45 27	43	63 28	61	58 31	45 19	37 11	60	73 43	70 53	54 33	59 24	59	58	52 38	48	58 28	52 37	63	58 33	50 25	50	48 25			ı	55.
BIRCH TREE	MAX	65 28	63	60	60	59 27	60	55 22	63	71	73 26	66	40	62	71 50	72	68	57 23	58	60	60	62	62	60	66	70 32	54	56	54				30. 61. 29.
BLACK 6 NW	MAX	64 23	66	64	60	56 21	53	41	63	70	72 23	68	40	61	71 51	73	70	55 23	55	60	55 38	62	61	59 38	67	70 25	56	50	47				60.
80L IVAR	MAX	58	61	54	58 35	57	56	39	59 27	66	71 37	57 26	45	63	76 50	69	66	58	60	58 47	53	57	63	59 36	66	58	59 29	57	44 26				58.
800NVILLE WATERWKS	MAX	47	46 37	58	45 31	53	51	37 17	37 17	57	61	56 23	35	38	65 31	75	70 41	49	57	57 36	61	41	50 28	61	40	62	54	56	39				52.
8ROOKF1ELO	MAX- MIN	· 51 36	59 33	57	60	57 29	51	42 15	62	63	59 29	50	39	63	76 51	75 59	59	61	62	60	55	54	59 25	58	67	63	54	54	44				57. 31.
BRUNSWICK	MAX	48	60	58	58 32	52 30	52 29	38	62	64	61	51 22	39	62	76 46	75 55	56 37	58	60	63	56 33	54	61	58 38	65	64	55	54	49				57. 31.
8UTLER	MAX	58 34	65 31	61	60	59 29	58	41	65	68	64	55 24	48	65	76 54	73	64	64	65	60	54 34	55	68	63	71 30	66	66	65	46				61.
BUTLER CAA AP	MAX	57 32	65 30	50 31	60 34	59 29	38	42 16	65 27	67 35	61 31	39	45	65	76 55	70	53	61	63	60 45	50	54	65 31	50	69	52	66	48	45				57.
CAMOENTON	MAX	58 35	63	62	58 29	56 25	54	39 18	60	67	68	62	45	67	78 49	76 57	70 37	69	60	60	55 31	55	65 24	63	66	66	58	52 29	55			ı	61.
CANTON L ANO 0 20	MAX MIN	51 30	50 34	47 31	52 33	51 28	47 26	41 12	59 28	60 25	54 26	45 19	33	64 29	72 36	72	58 35	50 24	52	57 36	55 32	53	50 19	48	61	56 30	46 20	43	48			ı	52.
CAPE GIRAROEAU MO ST	MAX M1N	65	66 33	63 35	56 27	58 28	53	38	60	65	69 33	65 31	40	58 26	66 50	7 2 5 9	70 41	54	56	62 38	60	64	59	55 43	56	68	65 27	64	46				59. 33.
CAPLINGER MILLS	MAX MIN	59 36	66 26	51 34	60	58 23	44	40 24	63 22	70 22	71 27	59 25	47	63 32	74 53	70 50	66	62	63	59 48	54 34	58	68 26	60	70 26	60	61	5 B 3 2	44				59. 31.
CARROLLTON	MAX MIN	49	59 27	51	56 33	54 29	48	38 16	61	60	55 2·9	49	40	6 2 3 2	75 45	72 52	53	57 29	58 32	60 41	54 33	52	63	58 39	65	59	57 26	53	42				55.
CARTHAGE	MAX	57 41	62 26	5 7 3 5	60	59 25	55 30	38	61	69	74 29	63	50 17	61	76 54	70 61	65 39	62 26	65	60 47	52 34	60	69 29	62 37	68	62	69 27	62	45 27			H	61.
CARUTHERSVILLE	MAX MIN	62 34	64 35	65 43	59 30	61 29	57 33	41 29	54 21	68 34	70 34	66 44	44	64 2£	70 54	75 61	73 54	56 35	57 37	65 44	62	65 38	64 38	63 48	57	73 44	69 37	76 47	74 34				63 · 37 ·
CHARLESTON	MAX	64 36	66 34	54 39	60 30	59 29	50	40 27	55 23	68	68 32	58 37	41	61 28	69 53	74	70	58 32	57 30	63 39	58 45	64	60 33	57 46	51 34	75 46	72 35	72 43	50 35				60 <b>.</b> 36 <b>.</b>
CHILLICOTHE RADIO KCHI	MAX M1N	52 36	60 28	56 30	58 34	55 29	51 29	39 15	63 26	62	60 27	49	38	61 26	76	73 57	57 35	58 26	59 31	61 37	54 33	53	61 22	59 39	66 25	63 33	55 21	54 32	44 27				57° 29°
CLEARWATER OAM	MAX	67 26	67 26	63 37	59 20	5 7 2 3	56 27	39 23	64 14	68	70 25	66 32	41	60 22	70 52	72 58	71 44	56 25	56 27	59 34	56 42	65	62 26	59 41	65 27	73 32	65 33	58	45 31				61.
CLINTON 1 NNW	MAX M1N		51 25	64 32	32	59 25	57 27	37 18	40 18	63	66 25	59 24	37 13	45 16	64 36	76. 58	70 39	53 25	60	62 31	61 28	39 31	54 25	65 31	45 25	68 25	55 27	62	40 27				55. 27.
COLUMBIA W8 AIRPORT	MAX		60 37			52 30			59 28		57 32	37 20			76 46			55 27			52 33			44 33			57 29		41 27				53. 31.
CONCEPTION	MAX M1N	56 37	59 30	60	57 34	58 26	54		63 30	64	61 30	52 17			73 43		56 28	63 33	60 32	61 39		46 31	55 28	52 35	64 31	64 33	57 25	51 34	44				57. 30.
CRYSTAL CITY 1 N	MAX	6? 29	65 35	57 36	55 26	56 26	50	38 23	60 19	64	64 30	61 28	38 16	62 28	73 52	75 62	73 40	54 26	54 27	60 34	55 38		62 25	52 40	68 27	72 34	62 34	48	42 30				58. 31.
OONIPHAN	MAX MIN	70 26	68 25	53	66 24	64 23	55 26	40	66 15	75 26	74 26	60 38	42	62 21	69 54		70 48	58 25	58 27	61 37	56 45	70 30	73 26	62 40	63	74 34	59 33	74 40	50 35				63. 31.
EDGERTON	MAX MIN	51 33	61 28	53		58 23	53	42 14	66 29	65 3 0	54 26	49 21	49	61 38	75 50		57 32	62 29	61	59 42	55 35	53 31	63 27	48 34	69 28	65 32	57 29	57 32	46 25				57. 30.
ELOON	MAX MIN	56 37	63 36	55 31	57 33	55 32	50 26	39 19	61 26	67 41	62 35	53 23	43	67 30	77 50		67 40	.58 28	59 31	60 41	53 33	55 34	64 29	58 38	66 29	61 3.5	59 26		41 27				58. 32.
FLSBERRY	MAX MIN	42 26	45 37	53 37	51 32	52 27	53		40	41	61 26	57 24	41		60 32		68 40		41	46 33	51 39	50 34	46 34	48 21	43 25	61 34	50 21	5 5 3 0	40 32				49. 78.
FARM INGTON	MAX	63 35	64 37	58 35		55 31	48 31	38 22	60 20	66	66 30	55 29	40	59 28	69 52	73 59	67 40	54 28	55 30	60 38	54 38	61	60 29	52 39	65 27	68 41	51 31	49 35	42 29				57. 33.
FARMINGTON CAA AP	MAX MIN	62 34	64 35	46 25	55 25	55 26	40	38 20	60 19	66	67 25	42 21	39 15	58 29	69 52	72 57	58 36	54 27	54	59 38	54 38	61 34	59 27	51 38	65 26	69 33	49 31	49 32	41 26				55. 30.
FAYETTE	MAX	48 33	61 35	51		53 30	46 26	40 15	62 24	64	57 27	49 21	38 12	65 30	76 44	71	61 38	57 25	58 33	64 40	55 33	53 31	63 24	59 38	64 26	57 32	56 27	54 31	42 27				56. 30.
FOUNTAIN GROVE WILDLIFE	MAX	51 37	59 34			5 7 2 7	49	40 15	63 27	63	62 24	51 21	38 17	64 28	75 35	75	60 37	58 27	60 22	62 29	55 29	53 32	60 24	60 39	66 28	64 32	54	54 33	43 28				57 er 28 e
FULTON 4 SW	MAX MIN	49	50 35	60	44 33	55 29	52 28	38 17	39 17	57 32	64 35	61 23	35 14		67 32		69 42	50 26	55 26	58 33	63 41	42	52 26	64 26	41	63 29	60 30		42 28				53. 29.
GPANT CITY	MAX MIN	55 38	57 34	48	56 34	5.5 2.4	50 24		64 26		55 31	41 14	44		73 43		56 30	61 31	60 32	52 39	50 35	44		45 35	64 30	56 31	50 25	45 32	45 25				54. 29.
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able 5 Continued									ט	H.	LI		En	AFI	in.	<u>~</u>	UI	LEC	, 											F	EBRUAR	
Station															!	Day	OI I	Monti	h								_					erage
<b>944</b>		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Av
EENVILLE & MMW	MAX	69 25	65 24	63	62 23	61 23	53 26	41 26	66 16	72 25	79 25	52 34	41	60	70 54	72	71 46	59 26	56 27	6 1 32	57 43	66	61 27	57 39	65 26	71 32	5 4 3 5	5 9 3 6	47 33			61.1
WIBAL WATERWORKS	MAX	40	49 38	43 34	51 35	50 31	34	38 16	58 29	59 33	53 34	34 18	34 12	64 31	72 47	69	45 34	51 31	53 32	58 38	52 33	54 34	53 25	47 32	60 28	47 27	50 23	45 32	36 28			50 • 0 30 • 8
RRISONVILLE	MAX M IN	53 36	65	56 29	62 37	60	47 28	45 15	65 29	67 38	58	50 23	45	65 39	76 50	70	56 36	62 34	56 36	58 33	54 33	54 33	65 32	53 37	70 30	63 35	62 29	6.2 3.5	42 28			58.6 33.2
RH IT AGE	MAX	58 24	65 20	57 31	60	58 1,7	54 25	42 16	52 13	68	68	55 23	41	68 39	77	69 56	67 36	60 18	62	62 48	50 32	57 30	65 20	61 35	68 19	64 35	61 22	57 29	39 22			59.5 26.1
USTON	MAX MIM	63	63	56 35	60 28	56 26	54 27	39 21	62 20	70 43	70 28	46 28	42 16	62 30	74 51	74 59	59 42	58 25	57 33	58 42	53 35	61	62 25	55 32	66 27	69 39	54 30	48	42 28			58.3 32.0
CK SON	MAX	6 7 34	66 27	63 38	58 25	5 8 2 5	52 33	40 26	63 19	66 27	72 27	65 33	41 18	58 27	66 52	74 60	71 42	56 30	59	63 38	60 43	66 36	66 30	56 44	57 30	69 37	64 30	62 43	46 33			60.9
FF C'TY RADIO KWOS	MAX	53 33	63 32	50 32	56 30	52 29	45 27	40 19	60 22	65	64 27	51 25	42 15	67 33	78 52	71 62	68 41	55 23	59 32	62 41	5 5 3 5	55 33	65 23	57 39	64 28	60 34	60 31	53 32	42 30			57.6 32.1
PLIN CAA AP	MAX M IN	57 39	61 33.	48	60 36	59 33	42 27	36 20	60 28	69	74 40	43 26	50 20	62 39	76 56	68	54 39	63 33	65 38	57 46	46 35	59 36	68 36	52 37	67 34	5 6 32	68 30	50 33	44 28			57.6 35.2
WSAS CITY WE AP	MAX	51 37	62 35	5 2 3 2	58	57 31	40	44	67 34	69 40	55 34	37 23	47 17	65 40	76 54	68	5 5 3 5	62 35	62	56 47	51 34	5 2 3 5	63 33	47 36	70 34	52 35	62 33	48	46 31			56.2 34.5
C UNITY OF R C	MAX	49	60 35	55	56 39	54 30	50 29	41	63 31	62 40	59 32	49 23	43 15	62 39	74 51	71	52 35	60 31	59 37	57 45	53 33	50 34	61 29	52 37	67 29	65 35	59 30	57 33	43 29			56.5 33.5
WETT PAOIO KBOA	MAX	64	65 31	63	65 28	62 30	58	40	56 21	71 32	72 34	68 37	44	64 26		75 61	73 52	57 33	57 35	64 42	57 44	66 38	63 33	62 47	58 31	71 42	68 37	76 43	63 36			63.3 36.3
OOER	MAX																															
RESVILLE RADIO KIRX	MAX	54 32	54 34	45	55 33	53 26	40	39 12	62 28	60	5 2 2 9	40	35	63 27	73 43	71 48	48 36	56 22	57 31	58 32	54 32	52 32	54 20	50 36	63 27	55 29	49 22	48	39 26			52.8 28.3
PESVILLE CAA AP	MAX	51 35	51 34	45 27	54 32	51 28	35 18	40 13	59 28	59 30	52 29	32 13	35 9	63 31	72 46	70 40	48 29	54 26	5 5 3 3	56 35	50 33	50 28	54 23	44 28	63 26	40 21	50 20	37 32	38 24			50.3 27.5
HEONONG	MAX	66		61	62	60	60	39	64	73	73	70	47	59	69	70	70	57	56	52	52	64	64		68	67			47			61.3
RES IDE	MAX	54 23	57 25	63	48	58 24	55 25	41	42 20	59 28	68 24	66 26	38 14	44 15	68 36	77 58	69 43	52 23	60 24	60 27	62 41	42 32	55 23	64 27	43 24	65 26	59 25	6 O 3 1	45 30			56.2 27.6
MAR	MAX	53	61 28	55	49 30	62 30	60	38 19	40	63	71 32	71 24	39 18	49	63	76 60	70 40	55 34	62	64	58 34	49 28	60 31	.68 35	54 30	68	56 28	69 32	43 28			58.1 31.1
THROP 3 SH	MAX M I M	56 30	6 0 3 3	57 26	5 7 3 5	56 27	40	42 14	63 30	66 35	53 33	47 20	41	61 35	75 50	68	54 33	58 33	60 35	55 40	45 37	50 32	60 29	51 31	67 30	65 30	54 27	47 32	45 30			55.5 31.2
BANON 1 EME	MAX	60 36	62 34	55 32	58 33	5 7 29	49	39 21	59 26	67 39	72 39	59 25	44	64 30	76 49	71 59	67 39	58 27	58 34	56 48	53 34	58 34	62 29	55 37	66 28	60 37	56 28	52 32	40 23			58.3 32.9
XINGTON	MAX M1N	53	48	60	47 28	57 31	56 29	39 17	40 17	63	63 37	5 6 2 2	37 15	42 16	63 37	76. 55	69 37	53 36	60 34	60 35	55 39	40 34	53 32	63 32	43 35	67 38	51 29	59 30	37 28			53.9 31.0
ERING OM	MAX	55 30	60 26	61	46 27	57 24	55 27	39 22	40 19	60	68 28	71 28	41	41 19	60 34	73 55	72 45	49 25	57 30	57 35	52 40	41 30	58 31	60 35	49 26	65 33	66 31	53 32	48 27			55.5 30.2
E ≥000	MAX MIN	60 37	62 34	48	62 33	59 30	50 31	41 21	60 28	69 37	72 37	60 28	48	62 33	76 50	70 60	65 39	61 32	62 34	58 45	53 35	61 34	68 30	62 36	68 32	5 8 40	65 27	60 32	45 23			60.2 33.9
ISIANA STARKS NUR	MAX	47 27	52 35	5 0 3 5	5 2 3 0	52 29	50 28	41 15	59 23	62	60 24	53 23	35 10	64 30	77 41	72 61	69 38	54 23	56 28	61 37	59 34	57 33	57 19	55 39	63 25	58 32	52 19	52 32	39 31			55.6 29.4
CON	MAX MIN	46	47 30	55	45	56 25	51 27	36 14	39	58	60	54 16	34	36	64	73	73 36	50 25	55	56	58 36	44	54 21	57 23	42 25	63	41 20	52 25	36 24			51.3
LDEN CAA AP	MAX	66 34	66 35	50 32	64 32	60 32	43	37 25	58 22	73 35	71 39	52 26	41	62 25	70 56	75 61	69 37	56 32	5 5 3 2	64 40	56 42	67 38	61 33	58 35	59 34	72 40	54 35	73 35	48 31			60.0
RBLE MILL	MAX	70 30	67 25	66 38	61	59 21	56 26	40 25	65 15	69 25	71 24	63 33	40	60 23	68 53	72 60	71 45	57 22	57 25	63 29	61 44	67 35	62 27	58 37	60 26	70 31	68 33	62 35	48 33			61.8
RSHALL	MAX									1															}							
PSHFIELO	MAX	58 33	60 29	55 33	56 31	5 5 2 9	52 27	36 20	56 22	65 40	70 34	63 25	41		74 49			57 27			52 33			59 37			55 28		40 25			57.6 32.5
PYVILLE	MAX		58 28				46 27		63 28	60 31		43 17	40		72 42		55 26	62 33	60 34	55 40	46 35	46	54 27	45 35	65 28	61 32	50 24	46 32	44 23			54.2 29.5
MPH15	MAX		55 23		55 28		52 23		42 15	61		53 17	33		71 37		27	52 27	52 30	56 34	58 36	45	50 23	52 23	42 27	63 27	35 20		38 33			50.0 25.4
×1C0	MAX		45 36			56 29	52 29		40 16	59 33		55 22	35 12		68 31		70 40	49 26	55 32	58 34	60 40	43 33	56 23	62 29	42 29	65 30	50 25	57 29	39 28			53.1 29.0
SERLY RADIO KNCH	MAX		55 35			48 28	40		5 8 3 0		52 36	45 23	34 12	64 31	76 43	70 49		55 27			55 34		60 25		62 27	54 31	54 23		39 28			52.8 30.5
<b>VETT</b>	MAX																								1							
NTAIM GROVE 2 N	MAX		59 34			55 30			58 22	68	71 40	62 27	41	61 27	72 48			56 28			55 33	59 34		58 38	65 28	64 41	53 33		45 25			58.8 32.8
JN7 VERNOM 3 SW	MAX		6 0 3 0			56 27	50 31		57 25			63 27	46 19		74 50	71 59	65 39	59 26	61 36	54 44		59 33	65 28	58 37	66 28	59 40	65 27		·43 25			58.4 32.6
ЭЅНО	MAX MIM		63 24				55 24		60 20	70 32		70 28	52 16		75 44	71 59		63 23	66 32	64 49	55 35		69 27	65 36	69 26	68 41	69 26	65 33	44 24			62.8
FADA	MAX	60 37	65 32	35	61 37		53 32		67 27	70 39		57 24	50 18	65 35	77 52	70 62	65 40	64 33	65 36	60 47	53 34	58 35	68 32	60 38	72 31	63	70 29		46 30			61.8
FLORENCE	XAM MIN	51 36	59 34	51 33			42 26	39 17	57 24	64 32	61 35	49	38 12	65		72 60	67 38	53 28	55 31	60 37	52 33	53 33	62 24	56 36	63 27	61 32	56 24		35 28			55.5 31.3
GON	MAY		60 33		5 7 3 5	5 5 2 7	43	13	65 31	63	52 32	45 13	43	62	74 48	70 50	55 25	64 37	63 37		53 35	48		47 33	69 32		55 28		46 25			55.7 31.3
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Station					-		-		-	,					I	Day	01	Month	1					-	-			1	T.			Prage
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29 30	31	Ave
	MAX MIN	62 25	70 25	6 9 2 5	5 4 2 5	65 25	64	40 18	42	68	78 26	75 25	48 16	47 16	62 24	79	77 40		62	63 28	57 36	45 25	68 27	69 27	59	73 26	71 29	63	58 30			62.
	MAX MIN	65 35	65 40	62 38	57 28	57 30	49	38 25	62 21	64	67 31	61 31	39 17	58 28	68 54	75 59	71 41	54 31	54 28	62 32	58 43	63	58 30	55 45	63 30	70 40	63 28	53	45 33			59. 34.
	MAX MIN	30	70 33	68	61 28	65 26	34	20	19	66	74 29	40	21	24	54	69	74 55	30	59 32	56 34	62	38	70 31	61 41	61 31	60 36	71 36	65 38	72 35			34.
	MAX MIN	63 35	65 35	64	62 31	60 32	60	38 28	55 23	67 34	72 34	60 39	43	62 28	69 54	74 62	74 51	5 <i>1</i> 34	56 35	64 40	64 45	64 39	62 34	61 46	57 34	71 44	67 36	74	52 36			62.
	XAM NIM	56 36	55 29	53	57 31	56 22	51	40 9	64 27	65	61 26	51 20	36 10	63 31	73 44	71	55 37	58 22	59 34	58 39	56 38	49	55 20	53 28	64 24	61 32	46 23	48 27	48			55
	MAX MIN	55 34	60 34	64	46 32	47	55 28	40 23	37 23	60 36	67 42	69 26	38 15	42 21	64 37	75 54	72 46	48 29	55	55 41	61 41	43	57 30	62 39	43	67 40	67 31	57 37	48 28			55.
	MAX MIN	55 32	60 32	55 36	53 31	54 33	46	42 23	59 25	65	65 31	28	37 15	64 30	77 48	75 62	70 44	54 29	56 32	62 38	60	60	59 27	53 41	66 29	62 39	53 26	50 36	43 32			57 33.
	MAX MIN	55 30	60 30	50	57 31	57 24	40	44	65 28	63	55 26	36 19	45 15	62 38	75 47	65	55 30	63 31	61	55 44	48 33	48	59 28	47 31	68 30	49 33	56 31	44 33	45 28			54 29
SAINT LOUIS W8 AP	MAX MIN	54 39	59 37	44	51 34	53 31	36 25	40 23	57 28	62	62 37	41 23	36 16	62 30	74 51	73	62 37	53 30	55 34	60 38	54 37	57 35	58 29	50 39	65 31	62 32	51 27	44 33	40 29			54 33
SAINT LOUIS W8 CITY	MAX MIN	56 38	59 40	48 34	50 33	52 36	37 25	38 23	57 30	63 39	62 42	42 24	38 17	61 30	71 52	73 62	65 39	55 36	54 37	60 41	54 37	56 37	57 34	51 40	65 35	66 32	50 30	45	39 33			54 35
SAINT LOUIS UNIV	MAX MIN	56 39	60 40	49	50 34	53 36	47	38 24	58 30	62 40	61 41	51 28	35 18	60 30	70 51	74 63	70 38	52 35	54 37	60 41	56 38	57 37	55 34	57 41	65 34	65 36	5 0 3 0	46 35	40 32			55 35
SAINT LOUIS WASH U	MAX MIN	49 28	58 36	60	48 32	51 34	52 34	35 23	38 24	5 7 3 2	60 36	60 28	37 17	36 18	62 36	72 55	73 45	47 32	53	55 37	61 43	55 46	54 32	56 34	46 31	64 36	65 27	50 32	45 32			53 33
SALEM	MAX MIN	56 35	62 32	63	46 28	58 27	57 27	40 21	38 20	61	67 31	73 28	40 15	41	63	73	72 45	45 25	56 30	55	59	45 31	60 26	62	49 27	65	67 31	64 32	48 26			56 28
SAL ISBURY	MAX MIN	47 37	58 34	47	57 34	54 30	41 28	40 16	61 28	65 36	64 33	44 21	38 13	65 30	76 45	71 51	52 39	59 28	61	62 40	56 33	55 33	61 26	56 39	65 29	5 4 3 3	55 27	52 33	43 28			55 31
SAVERTON L ANO 0 22	MAX MIN	45 32	50 39	4.8 3.5	49 34	50 33	46	39 18	59 31	59 31	64 30	46 24	34 13	64 31	75 40	72 61	67 32	60 28	52 32	54 36	55 35.	54 34	54 25	53 40	60 31	54 33	50 24	49 33	40 33			53 32
SEOALIA	MAX MIN	53 36	64 35	56 30	57 35	55 29	51 27	38 16	62 27	64 37	63 35	55 23	43 16	64 34	75 49	74 51	64 38	59 29	6 0 3 5	61 42	55 34	51 33	65 29	62 38	65 30	65 35	59 27	59 35	42 24			58 32
SELIGMAN	MAX MIN	63 33	62 32	54 36	57 35	58 33	49	35 20	63 23	71 36	81 42	68 28	51 20	64 33	74 45	67 49	58 28	62 30	65 33	55 45	52 33	63 36	67	58 36	67 32	61 40	57 26	53 31	46 24			60
	MAX M IN	57 32	59 35	53 33	56 32	53 30	49 26	35 20	57 23	65 37	69 35	61 25	41	60	72 40	71 54	66 38	56 34	56 33	53 40	49 31	57 32	59 34	55 33	64 35	6 9 32	54 40	49 30	40 20			56 32
SHEL81NA	MAX MIN	45 34	53 34	50 32	54 32	52 27	47 28	39 15	59 27	60 25	59 29	50 21	36 11	65 29	73 41	70 60	66 38	55 25	57 32	59 39	57 33	55 33	57 22	56 38	63 25	61 31	54 22	52 32	39 29			55 30
	MAX MIN	51 27	64 32	65 34	43	60 30	59 30	41 27	38 23	57	65 34	69 31	45	40	60 32	67	73 54	59 32	56 30	56 32	62 44	55 37	65 32	61 33	66 33	57 34	69 34	55 34	72 34			58 32
SIKESTON CROP EXP FARM	MAX MIN	62 34	64 32	55 39	59 29	57 29	58 34	37 27	55 23	64 32	68 33	58 36	40	5 9 25	67 51	73 60	70 46	55 32	55 31	62 39	60 43	62 37	58 34	55 44	54 35	67 40	63 34	70 41	46 34			59 35
SPRINGFIELO W8 AP	MAX MIN	56 36	5 9 3 4	46 35	57 35	55 31	40 25	36 20	56 24	65 41	71 37	42 24	42 18	59 31	75 51	71 53	53 36	57 30	5 8 3 7	54 45	51 34	57 34	62 30	50 33	66 30	59 33	58 30	47 29	41 23			55 32
STEFFENVILLE	MAX MIN	4 9 35	51 35	43	53 34	51 29	44 25	39 14	60 28	60 29	54 30	47 19	35 9	65 29	73 43	72 56	57 37	54 25	56 32	59 35	57 32	54 33	55 21	54 38	63 28	60 30	50 22	47 32	39 29			53 30
SWEET SPRINGS	MAX MIN	53 34	61 31	50 29	60 35	5 6 2 5	45 26	41 16	63 24	66 35	58 25	49 22	42	66 32	77 47	74 60	62 37	60 26	61 33	62 41	54 33	54 33	66 25	58 36	67 27	57 34	60 26	56 32	45 27			58 30
TARK 10	MAX MIN	52 36	61 36	51 23	58 32	55 26	50 27	44	64 30	62 28	52 24	39 14	42	63 31	73 38	65 43	54 22	66 27	63 33	54 40	46 34	47 26	49 23	47 28	65 29	54 32	50 26	44 29	44 23			54 27
TRENTON	MAX MIN	56 39	59 36	55 27	59 34	60 29	51 30	41 16	64 29	64 31	60 33	48 20	38 13	63 32	74 43	71 56	64 34	58 30	5 9 3 4	55 40	50 36	5 5 3 3	58 25	52 38	66 31	64 33	55 25	50 32	45 27			56 31
	MAX MIN	59 24	64 31	5 4 3 5		54 24	48 31	39 23	59 24	63 25		56 27	38 14	70 31	77 53	75 62	72 40	53 24	56 24	62 34	55 36	59 31	63 22	58 39	66 23	67 29	57 26	52 32	40 31			58 30
	MAX MIN	55 35	52 34	46 25	50 33	52 26	35 23	38 12	62 29	59 29	54 31	39 17	34 8	62 29	70 42	69 38	53 33	55 27	5 5 3 2	58 35	53 35	48 31	54 23	51 33	62 28	58 30	47 21	43 32	39 23			51 28
VANOALTA	MAX																															
VERSAILLES	MAX MIN	61	61 39	5 O 3 3		54 30	26	42 19	59 25	65 41	61 34	47 24	51 14	65 <sup>°</sup>	75 52	71 56	63 42		62	53 44	45 34	54 33	64 27	51 38	65 28	59 36	56 25	42 26	41 24			56 32
VICHY CAA AP	MAX	59 37	65 33	4 9 3 3	57 33	54 30	39 21	38 22	58 22	64 41	65 39	40 19	41 13	63 29		71 55	57 35	53 29	55 30	60 40	53 33	57 31	61 27	52 32	70 28	64 32	56 30	46 29	38 25			55 31
WAPPAPELLO OAM	MAX MIN	52 32	68 36	65 40	47 32	61 29	59 32	40 25	39 20	65 26	69 32	68 35	45 20	49 24		68	72 54	59 31	56 32	53 38	61 46	48 37	67 35	59 39	55 31	51 39	70 35	52 37	68 34			5E 34
WARRENSBURG C T C	MAX	48 37	63 35	5 9 3 2	55 38	55 32	54 31	45 19	61 29	61 41	61 39	53 34	43 16	62 35	75 51	75 62	63 38	59 34	59 38	59 44	54 35	50 35	65 32	64 39	66 33	65 36	62 29	60 33	42 30			56 38
WARRENTON 1 N	MAX	52 36	62 36	56 34	5 3 3 2	55 32	47 29	40 21	58 26	64	60 40	5 8 23	54 12	65 30	77 50	74 62	68 43		56	60 31	56 34	56 33	60 24	60 39	64 28	60 42	58 23	5 6 3 2	36 28			57 32
WARSAW NO 1	MAX	57 32	65 25	60 33	60 32	59 24	48 25	42 15	63 22	67 30	67 24	52 24	47 12	67 35	78 53	73 61	64 39	64 23	60 27	63 43	5 5 3 5	56 32	68 23	59 38	69 24	65 35	65 24	57 33	45 27			60
WASOLA	MAX MIN	65	64 34	5 4 3 8	60 31	5 8 3 4	5 O 3 O	38 27	64 22	73 38	74 37	67 34	44	61 29	75 49	73 58	68 44	60 32	60 33	56 38	53 35	62 34	64 32	59 39	68 27	68 41	58 30	53 36	47 29			60
WAYNESVILLE 2 W	MAX	62 27	66 25		62	5 7 2 3	54 25	41	64 16	71 35	72 24	64 27	45 12	66 34	78 54	74 60	71 41	58 23	5 8 26	60 44	5 5 3 6	60 34	64 23	61 38	70 23	65 32	58 31	5 6 3 3	45 25			61
WERSTER GPOVES	MAX MIN	57 32	60 36	49	47	52 32	47 27	39 23	5 8 2 5	62	61	43 25	36 15	6 <i>7</i> 28	73 52	74 61	68 38		5 4 3 2	60 36	54 36	59 35	57 27	50 39	613 215	66 33	52 25		40 31			5! 32
WEINGARTEN	XAM NIM	67	64	58		55	50		60	66	67		39	60		74	68 40		55 31	60 35	56 40	61	60 30	55 41	65	69 57	59 31	46 38	42 30			5£ 3!

See reference notes following Station Index.

#### MISSOURI FEBRUARY 1954 DAILY TEMPERATURES le 5 - Continued Day Of Month Station 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 2 3 4 5 6 7 8 9 MAX 52 64 61 55 67 70 53 61 39 32 28 31 26 35 30 35 58.4 31.1 66 63 48 61 61 38 38 63 73 70 54 41 61 72 70 31 31 28 32 29 26 21 20 34 30 24 21 28 52 56 57 56 58 32 26 29 57 40 57 54 60 61 54 66 68 54 52 44 40 36 32 26 40 24 33 29 33 29 64 63 50 60 58 49 36 63 71 70 62 41 61 72 72 67 57 56 27 28 37 24 25 29 21 18 34 27 30 18 29 53 56 40 24 26

65 75 70 35 50 62

### EVAPORATION AND WIND

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LOW SPRINGS DSOR 3 NW

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58 57 41 41 63 66 60 44 34 33 27 15 26 38 35 23

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side	EVAP					.07		63			.08					.17 128																	2.05B 1813

## DAILY SOIL TEMPERATURES

																Day	onth															e Be	
DEPTH	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	1	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave	
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6PM	35	38	36	38	38	33	32	36	42	40	33	33	39	50	49	46	48	46	44	42	43	45	40	49	39	40	38	39		40.3
6РМ	32	33	32	33	33	32	32	32	34	36	33	33	35 -	43	49	43	44	43	43	43	42	42	40	44	41	39	39	38		38.0
6РМ	31	32	32	32	32	32	32	32	33	35	34	34	35	39	43	41	41	41	43	43	42	41	40	41	41	39	40	38		37.1
6РМ	33	33	33	33	33	33	34	34	35	36	36	36	36	37	41	42	41	42	43	43	42	42	42	41	42	41	41	40		38.0
6РМ	38	37	37	38	38	37	37	38	38	38	38	39	39	39	40	42	42	43	43	43	43	43	43	43	43	43	43	43		40.3
6РМ	44	44	44	44	44	43	43	43	44	43	43	44	43	43	44	44	44	44	44	45	45	45	45	46	44	46	45	45		44.1
6РМ	47	46	47	46	46	46	46	46	46	46	46	46	45	45	47	46	46	46	46	46	46	46	46	46	46	46	46_	46		46.0

### SIKESTON CROP EXP FARM

INCH	5PM	50	49	40	48	49	38	35	43	49	52	41	42	46	58	63	50	51	51	53	44	52	52	48	49	55	50	49	43		ĺ	48.2
INCHES	5PM	49	48	41	46	48	40	37	41	49	51	45	43	45	54	60	53	53	53	52	46	52	53	51.	51	53	51	52	47			48.7
INCHES	5PM	46	46	42	44	46	41	38	39	46	48	45	41	43	50	56	53	51	51	50	47	50	52	51	50	51	50	52	47			47.4
INCHE5	5PM	42	43	42	42	43	41	39	38	42	44	44	40	41	46.	51	52	49	48	48	48	48	48	49	48	49	48	49	47			45.3
INCHE5	5PM	42	43	43	43	43	42	42	41	41	42	43	43	42	43	45	48	48	47	47	48	48	47	47	47	47	47	47	47			44.8
INCHES	5PM	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	46	47	47	47	47	48	48	48	48	48	48	48			46.1
INCHES	5PM	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	48	48	48	48	48	48	48			47.3

Station				,									,		,	Day	of m	onth													
Diagon -		1	2	.3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	3
Amity	SNOWFALL SN ON GND	т	т	т	T	т	т	т	т																		Т	T	Т	Ī	T
Bethany	SNOWFALL SN ON GND																										-				
Bolivar	SNOWFALL SN ON GND																				т							1.0			
Butler CAA AP	SNOWFALL SN ON GND															т					Т							1.7	T		ı
Cape Girardeau Mo State	SNOWFALL SN ON GND						т	т									т														ı
Cassville	SNOWFALL SN ON GND																				т										1
Centerville	SNOWFALL SN ON GND																												т		
Chillicothe KCHI	SNOWFALL SN ON GND																				т					т		0.5			
Columbia WB AP	SNOWFALL SN ON GND															т					т					т		2.1	т		
Farmington	SNOWFALL SN ON GND																												1.0		ı
Grant City	SNOWFALL SN ON GND																										T		1		
Gregory Landing	SNOWFALL SN ON GND																											0.3 T			
Hannibal Wtr Works	SNOWFALL SN ON GND																				T					T		1.0			
Jefferson City Radio KWOS	SNOWFALL SN ON GND																					т				1		T	1.0		
Joplin CAA AP	SNOWFALL SN ON GND						т														т							т	T		
Kansas City WB AP	SNOWFALL SN ON GND																				T		_					0.2			l
Kirksville CAA AP	SNOWFALL SN ON GND															Ì					т					т		T			
Lakeside	SNOWFALL					-																						T	1.0		
Licking	SN ON GND SNOWFALL SN ON GND																	İ											0.5		
Louisiana	SNOWFALL SN ON GND									-									1								т		T		
Lucerne	SNOWFALL SN ON GND																-										0.5	* T	0.3		
Malden CAA AP	SNOWFALL							т																			T	1	T		
Mexico	SNOWFALL																		ı	ĺ	ļ								0.3		
Mountain Grove 2 N	SN ON GND														Ì	Ì													0.7		1
New Florence	SN ON GND							т											İ		T	т				т	т	3.5	T T		
Saint Joseph WB AP	SN ON GND							-				ĺ									T					T		2 T	1		
Saint Louis WS AP	SN ON GND SNOWFALL						т	т									T	ĺ		}						т		T			
Saint Louis WB City	SN ON GND SNOWFALL						т	т																		т		т			
Salisbury	SN ON GND															Т					_					т		_			
Sikeston	SN ON GND	т	T	Т					т								т														
3pringfield WS AP	SN ON GND SNOWFALL																т				т			т			2.2				
Sullivan	SN ON GND										4																		1		
Sweet Springs	SN ON GND SNOWFALL															т					т							2.5			
[arkio	SN ON GND SNOWFALL																									т		1			
ichy CAA AP	SN ON GND SNOWFALL						T														т							3.0			
appapello Dam	SN ON GND							т	т																						
aynesville	SN ON GND																				т							0.5	1.5		
est Plains	SN ON GND SNOWFALL							т																				T			
indsor	SN ON GND																				т								2.0		
	SNOWFALL SN ON GND																												2.0		

# STATION INDEX

																			MISSOURI FEBRUARY 1954
Station	Index No.	County	Drainage i Latitude	Longitude	Elevation	Temp. dund.	on	Ref to tabl		Station	Index No.	County	Drainage;	Latitude	Longitude	g o	Temp.	on	Refer to tables
19.5 5 E91 	0031 0127 0143	Stoddard Gestry Orwyos Degalh Batwa	10 37 09 4 40 15 1 39 42 4 39 52 9 38 21	94 28	355 872 1820	5P 6P	5P Meilo Moroni SP William J. Sutler 7A Loyd S. Black 7A O. M. Colhour MID S. A. Eerehner	2 3 5 2 5 5 3 2 5 5	C C 7 C	La Selle Lahcaide Lamar Lampe Poroet Service Lampe 4 NNE	4694 4705 4727	Lewie Millor Barton Stone Stonn		3 12 7 30 3 34 3 38	91 55 92 37 94 16 93 26 93 24	595 960	7A 7A	SA Jamee M. Fishback 7A W. S. Frame 7A M. Aull Van Hoffton 7A Oriey F. Scott 1D Mrs. A. O. Rogors	3 c
1 WA A 50 LTy 5	0179 0304 0324 0312	HcDonald iros 9t. Clair iros Clark	6 36 36 1 57 20 9 38 12 10 37 55 8 40 27	94 02 90 37 91 49	1000 - 800 928 -	7P 6P 5P	7A Ruth C. Rawkins 7A Opal G. Rutter 6P F. Paul Eye 7A Arcadia College M10 Glen A. Woodruff	2 5 5 3 2 5 5 2 3 5	7 C	Lathrop 3 SW Lohanoa 1 ENE Looper Leen Summit 1 N Lexington	4825 4844 4846 4904	Clinton Laclode Wayne Jackaon Lnfayette			94 23 82 39 90 42 94 23 93 53		7A	6P Cecil F. Hays 7A Brodle D. Barnett 7A CLOSEO 11D Benjamin F. Smith 7A William H. Cullom	2 3 5 2 3 5 C 4/30/53 C 2 3 5 7
ager Hiatles S	0365 0503 0539 0593	Livingatos	7 39 00 12 36 57 4 39 41 5 37 41 10 36 40 4 40 18	91 54 92 40 93 23 90 41 89 38	1080 500	5p	7P C. B. Hook 8A 0.5. Foreat Service M10 Barry S. Stuphnon 7A Beulah M. Aiexander 7A Carl S. Slaughtur	3 5 5 2 5 5	CCC	Licking 4 N Linneun 2 S Livonia Lockwood Louisiana Starke Sur.	4978 5014 5027 5093	Texan Linn Putnum Dade Pike	3 31 4 39 2 46 9 31 6 30	50 29 7 23 0 26	91 54 93 12 92 42 93 57 91 03	1277 835 - 1078 469	6P	7A Robert O. Oamsoh 5P Merle Wade 11D Wrs. Icel M. Tade 7A Huhnri A. Nieman 6P Stark Bros. Nursery 7A Goorge A. Garner	2 3 5 7 C C C 2 3 5 C C
Tree 6 00 H F Aatur U.rka	0668 0695 0735 0789	Shaamon 1roe Stoddard	1 36 59 1 37 37 10 36 53 9 57 37 7 38 5W	91 30 90 59 89 58	1000 1000 440 1071		7A Mildred E. Catlett 7P Otto Goggin 7A George E. Long 5P SW Baptiat College 7A Boonville Water Onp	2 3 5 2 3 5 2 3 5	7 7 C	Lucerne Mecedonia Lookout Macon Madieon	5121 5164 5175 5183	Putnam Ripley Macon Monroe	4 46 1 36 2 39 6 39	27 6 45 9 45 9 28	93 18 90 54 92 28 92 12	- 875 -		9A D. A. Browning 6P Roy C. Robinstt 7A John W. Aiwell 8A Eaon Wood	3 7 C 3 7 C 3 5 7 C 3 5 7 C
4 000 0 6 6 5 a a	0936 0978 0960 1037	Pike Taney	9 59 21 12 36 47 4 59 47 4 39 26 9 37 38	92 55	- 767 652	SP 7A	8A Virgil Cook 7A Elanr A. Buhhard 5P G. y. Breen 6P O. f. Benecke 8A L. B. Howerton	3 2 3 5 2 3 5		Mansfield Marble Hill Marshall Marshfield	5253 5298 5307	Wright Sollinger Saline Webster Audrain		18 9 07 7 20	89 58 83 11 92 54	440 775	6P 5P 5P	7A Willa 8. Williams	2 3 5
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### STATION INDEX

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Station	Index No.	County	Drainage 1	Latitude	Longitude	Elevation		Precip eu	Observer	Refer to tables		Station	Index No.	County	Drainage;	Latitude	Longitude	Elevation	Temp duel	200	Ob	server	ш	Reie to table
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DRAIMAGE CODE: 1. Salack 2. Chariton 3. Gasconsde 4. Grand 5. Merssec 6. Mississippl 7. Missourl 8. Neosho 9. Osags 10. Salat Francis 11. Salice 12. Spring 13. Tarklo 14. White

### REFERENCE NOTES

Tha four digit identification numbers in the index number column of the Station Index are assigned on a state hasis. There will be no duplication of number within a atata.

Figurea and lattera following the station name, auch as 12 SSW, indicate distance in milea and direction from the post office.

Observation timea given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issuea of this bulletin.

Monthly and seasonal anowfall and heating degree days for the preceding 12 months will he carried in the June issue of this hulletin.

Station namea appearing in tables, but for which data are not liated, are either missing or received too late to be included in this issue.

Unleam otherwise indicated, dimensional units used in this hulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in ailes Degree days are hased on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Tabla 6.

Sleat and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounta in Table 3 are from non-recording gages, unless otherwise indicated,

Data in Tahlea 3, 5, 6, and snowfall data in Tahle 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WITEQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches 0 mora. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes 0 local variability in the snowpack result in apparent inconsistencies in the record.

- Data in the column formerly headed "No. of Days .01 or more" have heen changed to "No. of Days .10 or more" effective January 1, 1954.

  No record in Tahles 3, 6, 7, and the Station Index. No record in Tahles 2 and 5 is indicated by no entry.

  And also on a later date or dates.

  Amount included in following measurement, time distribution unknown.

  Gage is equippad with a windshield.

  Adjusted to a full month.

  C Data for recorder atations, denoted by "C", are processed for special purposes and publiabed later in Hourly Precipitation Data.

  E Watar equivalent of anowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

  M Ona or more days of record missing; see Tahla 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for tha full month.

  R Daily valuas and monthly total from recording gage.

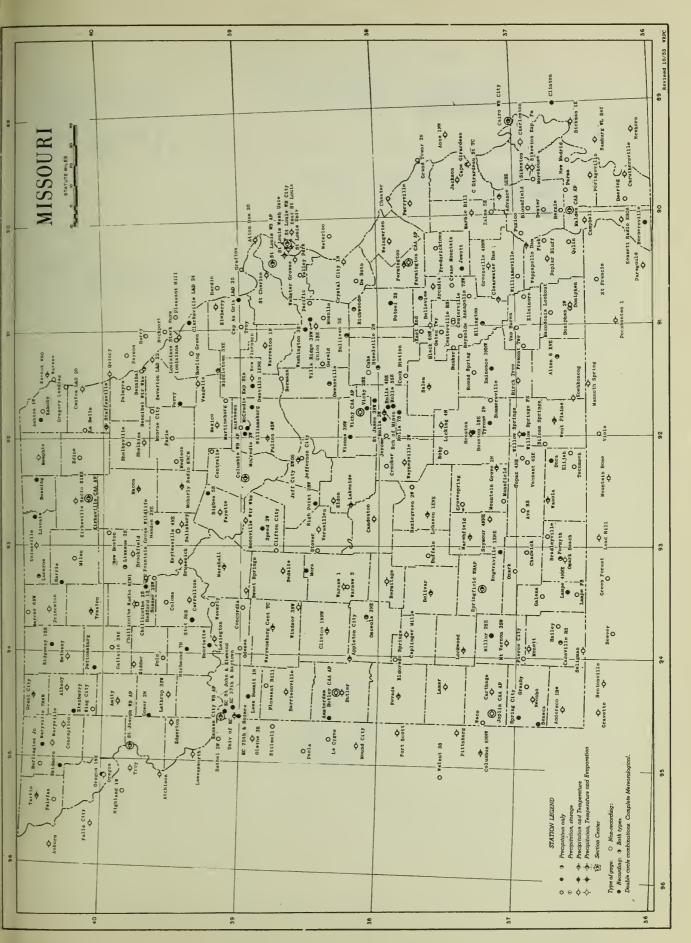
  T Trace, an amount too small to measura.

  V Includas total for previous month.

  SS This entry in time of chaervation column in Station Index means observation made near sunset.

Subacription Price: 15 cants per copy; monthly and annual, \$1.50 per year. (Yearly subacription includes the Annual Summary.) Checka and money orders should be made payable to the Superintandent of Documents. Remittancea and correspondence regarding subscriptions should be sent to the Superintendent of Documents. Government Printing Office, Washington 25, D. C.

WRPC, KANSAS CITY, MO., -- 4-28-54 -- 945



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U. S. DEPARTMENT OF COMMERCE SINCLAIR WEEKS, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

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JUN 3 1954

UNIVERSITY OF ILLINOIS

# CLIMATOLOGICAL DATA

**MISSOURI** 

**MARCH 1954** Volume LVIII No. 3





### MISSOURI - MARCH 1954

### H. F. Wahlgren, Section Director - Saint Louis

### WEATHER SUMMARY

The "warmer-and drier-than-normal" weather pattern which had prevailed for the past ten months, was interrupted as the State average temperature fell 1.9° below the normal. The precipitation continu to average below normal. Monthly precipitation totals varied from 0.68 inch at Windsor to 4.75 incat West Plains. Several stations in the north-central and southern sections reported amounts in eyecs of three inches. The greatest 24-hour amounts occurred on the 24th and 25th, with Odessa and Belle recording 3.71 and 3.30 inches, respectively. Doniphan, Morehouse, and Sikeston, in the "Bocheel" area, experienced at least 50 hours of continuous rain. Rain fell from the 22d to the 24th. The greatest departure from normal was at St. Louis, which reported a monthly total of 1.10 inches 2.54 inches below normal. Edina, in the northeast corner had the greatest above-normal rainfall departure reporting a total of 3.84, or 1.85 inches above normal. The State average for March was 2 inches, which is 1.24 inches below the normal.

Although March was relatively mild, a cold air outbreak, during the first part of the month, sent is peratures below freezing. Most stations recorded their lowest temperatures on the 4th, 5th, or 6th Hermitage, in the west-central area, reported 1° below zero for the lowest temperature in the State Warm and humid air, which prevailed on the 12th, gave rise to unseasonably high temperatures throughout Missouri, The highest temperature in the State was 82° on the 28th at Ozark Beach, near the scen border. For the fifth consecutive month, Caruthersville recorded the highest mean temperature, 50.6°. The lowest mean was 35.4° at Memphis. Macon had the greatest departure from normal, reported.4° below normal mean temperature. The greatest monthly temperature range was 79° at Hermitage; thigh being 78° and the lowest -1°.

Snow fell on seven days in March, with the heaviest concentration occurring at Vichy where the mont total amounted to 10.0 inches. Sleet fell on several days, over widely scattered areas throughout State. Hail associated with widespread thunderstorm activity, was reported in the central and nortwest sections on the 18th and 25th. Freezing rain occurred in most sections either on the 29th, or 30th. High winds and considerable dust, on the 12th, reduced visibilities and hampered outdoor actives. High winds associated with thunderstorms on the 18th and 25th, caused considerable damage or each of these days.

Rainfall, occurring in the north and central portions of the State on the 18th and 25th, served to make the topsoil favorable for spring plowing germination and growth. The cold snap of mid-March eversely affected some wheat and oats. However, by the end of the month, both these crops and pastus showed marked improvement. The State pasture condition at the close of the month was reported 61%, compared with the average of 83%. Although most areas reported surface moisture as fair to good, subsoil moisture was relatively low. The marked absence of significant rainfall in the southwest station resulted in continued dry topsoils. Many wells and creeks in that sections were dry, and water hauling for livestock was still prevalent in that area. Stream flow continued deficient, with the flow at the Jerome key stations, on the Gasconade River, recording a seasonal low, for the fifth most in succession. The water level in the key well at Trenton rose for the second consecutive month, is nevertheless was at record March low.

Destructive tornadoes occurred in parts of 13 counties on the 24th and 25th and took a toll of two lives and caused extensive property damage. Property damage included demolished frame houses, level outbuildings and mangled farm equipment. In addition, farmers reported the death or injury of some 25 or 30 cows and approximately 4000 head of poultry. Dozens of small fruit trees and new crops we uprooted leaving an area of bare ground on numerous farms. The failure of power and telephone serve in the stricken areas hindered rescue and salvage operations for several hours.

The following southwest towns were subjected to the damage mentioned above: Lamar in Barton County Burgess in Jasper County; Lanagan, Rocky Comfort, Newton County; Oshkosh, McDonald County; Purdy, McDowell, Fairview, Washburn, Flat Creek and Cato all in Barry County; Ozark and Elk Valley, in Christian County; Fordland and a point 8 miles north of Seymour, in Webster County, and Success and Bendavis, in Texas County. Bendavis was the scene of two deaths. Here a Mrs. Maxwell and her son were found 150 feet from their demolished home. In the east-central portion, the tornadoes tore through Gray Summit and just south of Pacific, in Franklin County; Gilmore and west of West Alton, and also west of Portage Des Sioux, in St. Charles County, and St. Albans in Chesterfield; Lake to near Maryland Heights in St. Louis County.

Laddonia and Farber, in Audrain County, experienced a hailstorm on the 12th. Damage amounted to \$25,000 and was confined principally to roofs and windows. Strong, straight-line winds on the 25th associated with heavy thunderstorm activity, did extensive damage to windows, roofs, signs, and small trees in St. Louis City and County. The estimated damage totaled to \$80,000.

No rivers, or streams, reached flood stage this month .-- JPC

# SUPPLEMENTAL DATA

MISSOURI MARCH 1954

	Wind	direction		Wind m.	speed p. h.		Relati		idity ave	rages -		Numl	per of d	ays with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fasteet	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.0109	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
MB A MB AIRPORT	NW	11	12.4	42	SE	18	62	71	51	51	9	3	2	1	0	0	15	65	6.1
AS CITY #8 AIRPORT	WNW	14	12.0	50	SW	12	59	68	49	46	8	2	1	0	1	0	12	55	6.2
SEPH NB AIRPORT	-	-	13.6	52	W	25	-	70	51	46	5	2	1	0	1	0	9	58	6.1
OUIS WE CITY	NW†	13†	12.7	65	SW	25	64†	70 <b>†</b>	49 <b>†</b>	52†	10	5	3	0	0	0	18	63	5.9
NGFIELD WE AIRPORT	SSE	21	14.1	50	SW	12	69	76	57	60	7	2	3	1	0,	0	13	58	6.5

† -- airport data

### COMPARATIVE DATA

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T	emperatu	re	Pı	ecipitatio	n		Te	mperatu	re	Pr	ecipitatio	ac		Te	emperatu	re	P	récipitation	n
Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average	
38.5 44.3 37.3 36.6 38.9	90 84 79 78 37	1 13 -11 -11 5	3.90 2.22 3.51 2.66 2.98	5.7 7.1		1913 1914 1915 1916 1917	40.6 43.2 36.4 47.0 45.2	84 87 70 95 86	-12 - 2 - 6 - 2 - 7	4.64 2.76 1.45 2.55 2.69	5.0 4.7 7.9 3.1 1.5		1938 1939 1940 1941 1942	53.6 47.1 43.1 40.5 45.8	90 89 89 78 84	14 - 4 0 7 8	4.98 3.08 2.44 0.78 2.05	T 0.2 4.0 3.4 0.7	
40.5 47.7 42.4 39.2 44.2	86 89 98 82 82	0 2 0 2 - 5	2.92 3.22 2.36 2.22 6.73	3.2 0.2 4.4 5.2 1.0		1918 1919 1920 1921 1922	50.9 46.3 44.6 51.9 45.6	95 90 86 90 80	8 - 2 - 6 11 3	1.02 2.40 5.12 5.06 6.39	0.1 0.7 1.4 0.5 2.2		1943 1944 1945 1946 1947	39.7 41.4 52.6 55.3 37.4	87 83 89 92 77	-22 6 2 12 - 7	2.63 3.78 7.44 2.82 2.80	5.0 2.7 1.0 0.2 8.8	
44.7 37.4 40.4 42.7 45.3	83 78 88 85 85	9 - 8 - 4 - 1 1	7.44 2.92 1.52 3.77 3.71	0.6 8.9 0.2 1.8 0.8		1923 1924 1925 1926 1927	40.4 38.4 47.7 39.6 45.9	83 80 86 83 80	-11 8 - 5 8 0	4.23 2.54 1.94 2.87 5.93	2.3 9.4 0.8 7.0 3.7		1948 1949 1950 1951 1952	42.5 43.6 40.9 41.0 42.0	87 82 88 84 84	-17 4 3 2 - 6	4.78 3.42 2.21 3.37 3.98	5.9 4.8 1.4 3.5 5.5	
46.8 44.8 50.3 34.6 53.9	81 87 88 75 95	9 8 10 - 5 16	3.62 4.55 3.15 3.98 2.76	1.1 1.2 T 8.6 1.0		1928 1929 1930 1931 1932	46.3 48.6 43.2 39.5 38.3	89 97 80 70 81	10 11 6 10 - 2	1.61 3.33 1.38 3.18 1.99	2.4 T 1.4 8.8 2.8		1953 1954	47.2 42.6	85 82	4 - 1	4.51 2.03	4.2 1 A	
50.1 44.5 55.8 46.3 35.2	89 81 96 91 89	14 9 15 5 - 4	2.98 3.03 0.77 1.72 4.69	1.0 0.6 0.1 1.4 16.5		1933 1934 1935 1936 1937	44.1 41.2 50.4 49.4 40.4	87 82 87 84 77	5 - 3 8 13 6	3.61 2.55 5.76 1.27 1.66	2.0 4.9 0.7 T 2.8								
	38.5 44.3 37.3 36.6 38.9 40.5 47.7 42.4 40.4 40.4 40.4 42.7 45.3 46.8 53.9 50.1 55.8	38.5 90 44.3 84 37.3 79 36.6 78 38.9 37 40.5 86 47.7 89 42.4 98 39.2 82 44.7 83 37.4 78 40.4 88 42.7 85 45.3 85 46.8 81 44.8 87 50.3 88 50.3 88 50.3 88 50.3 88 50.3 88 50.3 88 50.3 88 50.3 88	38.5 90 1 44.3 84 13 37.3 79 -11 36.6 78 37 5 40.5 86 0 47.7 89 2 42.4 98 0 39.2 82 2 44.2 82 -5 44.7 83 9 37.4 78 -8 40.4 88 -4 42.7 85 -1 45.3 85 -1 46.8 81 9 44.8 87 8 50.3 88 10 34.6 75 -5 53.9 95 16	38.5 90 1 3.90 44.3 84 13 2.22 37.3 79 -11 3.51 36.6 78 -11 2.66 38.9 37 5 2.98 40.5 86 0 2.92 47.7 89 2 3.22 42.4 98 0 2.36 39.2 82 2 2.22 44.2 82 -5 6.73 40.4 88 -8 4 1.52 42.7 85 -1 3.77 45.3 85 1 3.71 46.8 81 9 3.62 44.8 87 8 4.55 50.3 88 10 3.15 34.6 75 -5 3.98 55.1 89 14 2.98 44.5 81 9 3.03 55.8 95 16 2.76	38.5 90 1 3.90 44.3 84 13 2.22 7.1 33.9 37 5 2.98 40.5 86 0 2.92 3.2 47.7 89 2 3.22 0.2 42.4 98 0 2.36 4.4 39.2 82 5 6.73 1.0 44.7 83 9 7.44 0.6 37.4 78 8 8 1.9 2 3.22 0.2 44.2 82 5 5 6.73 1.0 44.7 83 9 7.4 40.6 37.4 78 8 8 1.5 2 9.2 8.9 40.4 88 7 8 1.5 2 9.2 8.9 40.4 88 7 8 1.5 2 9.2 8.9 40.4 88 7 8 1.5 2 9.2 8.9 40.4 88 7 8 1.5 2 9.2 8.9 40.4 88 7 8 1.5 2 9.2 8.9 40.4 88 7 8 1.5 2 9.2 8.9 40.4 88 7 8 1.5 2 9.2 8.9 1.1 44.8 87 8 4.55 1.2 1.2 42.7 85 1 3.71 0.8 8 1.0 3.15 7 1.8 45.3 85 1 3.71 0.8 8 1.0 3.15 7 1.8 45.3 85 1 3.71 0.8 8 1.0 3.15 7 1.2 42.7 85 1.2 50.3 88 10 3.15 7 1.2 50.3	38.5 90 1 3.90 44.3 84 13 2.22 37.3 79 -11 3.51 5.7 36.6 78 -11 3.66 7.1 38.9 37 5 2.98 40.5 86 0 2.92 3.2 47.7 89 2 3.22 0.2 42.4 98 0 2.36 4.4 39.2 82 -5 6.73 1.0 44.7 83 9 7.44 0.6 37.4 78 -8 2.92 8.9 40.4 88 -4 1.52 0.2 42.7 85 -1 3.77 1.8 45.3 85 1 3.71 0.8 46.8 81 9 3.62 1.1 44.8 87 8 4.55 1.2 50.3 88 10 3.15 1.2 50.3 88 10 3.15 1.2 50.3 88 10 3.15 1.2 50.3 88 10 3.15 1.2 50.3 88 10 3.15 1.2 50.3 88 10 3.15 1.2 50.3 88 10 3.15 1.2 50.3 88 10 3.15 1.2 50.3 88 10 3.15 1.2 50.3 88 10 3.15 1.2 50.3 88 10 3.15 1.2 50.3 88 10 3.15 1.2 50.3 88 10 3.15 1.2 50.3 88 10 3.15 1.2 50.3 88 10 3.15 1.2 50.3 88 10 3.15 1.2 50.3 88 10 3.15 1.2 50.3 88 10 3.15 1.2 50.3 88 10 3.15 1.2 50.3 88 10 3.05 1.2 50.1 89 14 2.98 1.0 55.8 86 55.8 96 15 0.77 0.1 44.5 81 9 3.03 0.6 55.8 96 15 0.77 0.1 44.5 81 9 3.03 0.6 55.8 96 15 0.77 0.1 44.5 81 9 3.03 0.6 55.8 96 15 0.77 1.72 1.4	Year   Year	Temperature  Precipitation  Temperature  Precipitation  Temperature  T	Temperature  Precipitation  Year  Temperature  Temperature  Precipitation  Year  Temperature  Year  Temperat	Temperature  Precipitation  Temperature  Year  Y	Temperature  Precipitation  Temperature  Precipitation  Year	Year   Year	Temperature  Precipitation  Temperature  Precipitation  Temperature  Precipitation  Temperature  Precipitation  Temperature  Precipitation  Temperature  Precipitation  Temperature  Precipitation  Temperature  Precipitation  Temperature  Precipitation  Temperature  Precipitation  Temperature  Precipitation  Temperature  Precipitation  Temperature  Precipitation  Temperature  Precipitation  Temperature  Precipitation  Temperature  Precipitation  Temperature  Precipitation  Temperature  Precipitation  Temperature  Precipitation	Temperature Precipitation  Year  Temperature Precipitation  Year  Temperature Precipitation  Year  Temperature Precipitation  Year  Temperature Precipitation  Year  Temperature Precipitation  Year  Temperature Precipitation  Year  Year  Temperature Precipitation  Year  Year  Temperature Precipitation  Year  Year  Temperature Precipitation  Year	Temperature Precipitation  Temperature Precipita	Temperature Precipitation  Temperature Precipitation	Temperature  Precipitation  Temperature  Precipitation  Temperature  Precipitation  Temperature  Precipitation  Temperature  Temperatur	Temperature Precipitation  Temperature Precipita	Temperature Precipitation  Temperature Precipita

erages for the period from 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for filer years.

		Temperalure															P	recip	ecipitation				
					7						No. of Days				-	<b>&gt;</b>		Saow.	. Sleet, Hall		No. of		
Station		Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Day	Max. Min.		b 8	Total	Departure From Norma	Greatest Day	Date	Total	Max. Depth on Ground	Date	.30 or More		
NORTHERN OIVISION																							
ALBANY AMITY BETHANY BROOKFIELO BRUNSWICK		49.2 50.8 49.2 53.2	27.5 27.3 26.9 29.3M	38.4 39.1 38.1 41.3M	- 2.2	67 63 65 69	17+ 27	11 9 10 13	3+ 4 3+ 3+	821 797 827 732	0		21	0 0 0 0	1.80 1.36 1.85 2.35 2.53	0.11 - 0.91 - 0.38 - 0.17	0.78 0.80 1.03 1.46 2.13	25 25 25	T T 0.0 0.0	0 T 0 0	14+	4 1 2 1 3 2 3 1 2 1	
CANTON L ANO 0 20 CARROLLTON CHILLICOTHE RAOIO KCHI COLUMBIA WB AIRPORT CONCEPTION	R	47.7 52.3 52.2 52.0 50.1	27.5 29.8 28.3 30.4 26.4M	37.6 41.1 40.3 41.2 38.3M	- 4.4 - 1.4 - 1.6 - 1.5		12 27+ 12	9 13 12 14 7	5 4 5 4	838 736 762 732 822	0	1 2 2 1 2 1 2	2018	0 0 0 0	3.01 3.18 3.35 1.20 1.45	0.67 0.87 - 1.81 - 0.20	2.18 2.46 1.73 0.64 0.99	25 25 18	1.0 T T 1.5	1 T O 2 T	3+ 29 2	3 2 3 1 3 2 3 1 4 1	
EOGERTON ELSBERRY FAYETTE FOUNTAIN GROVE WILOLIFE FULTON 4 SW		52.7 48.6M 52.7 52.6 50.5	27.9 27.3M 28.9 27.0 28.4	40.3 38.0M 40.8 39.8 39.5	- 2.9 - 5.5 - 1.1 - 4.6	68 78 65 76	12 27+	8 7 13 11 8	4 5 3+ 5 4+	757 743 773	0 0 0 0	5 1 2	19 17 20 18	0 0 0 0	1.76 1.32 1.56 3.13 1.71	- 0.50 - 1.44 - 1.26	1.36 0.40 0.57 1.57 0.61	25 25	0.0 2.5 1.0 T	0 2 T T 5	3 2 2 3	2 1 4 0 4 1 3 3 3 3	
GRANT CITY HANNIBAL WATERWORKS KANSAS CITY WB AP KIOOER KIRKSVILLE RAOIO KIRX	R	47.8 47.8 51.8	26.4M 28.4 31.5	37.1M 38.1 41.7	- 4.2 - 2.9 - 2.1	65 69 72 64	12	8 9 15 8	3+ 5 3+	860 823 717 867	0	2	18	0	1.84 1.75 1.62	- 0.17 - 0.85 - 0.89	0.93 0.74 1.37	25 24	T 2•5 T	0 2 T	2+ 29	3 2 4 1 2 1	
KIRKSVILLE CAA AP LATHROP 3 SW LOUISIANA STARKS NUR MACON	R	46.9 51.0M 51.0 48.4	25.6 28.1 28.3 23.2	36.3 39.6M 39.7 35.8	- 3.8 - 6.4 - 0.7	63 67 74 68	27 12 28 29	7 10 3 9 6	5 4 5 3+	882 778 779 856	0 0 0	3 1 2 3	2 2 2 2 2 2 0 2 7	0 0 0 0	4.07 1.69 2.91 3.14	- 0.56 0.30	2.81	24 25 25	T 0.0	0 0		3 2 2 4 1	
MARYVILLE MEMPHIS MEXICO MOBERLY RADIO KNCM NEW FLORENCE OREGON		47.6 46.1 50.5 51.6 52.9 50.0	26.7 24.6 28.7 28.4M 29.7 27.6	37.2 35.4 39.6 40.0M 41.3 38.8	- 2.9 - 2.4 - 3.6	65 77 75 78 67	29 29 12	8 13 10 10	5 4+ 4 4+ 4	767 727 804	0 00000	2 2 1 3	21 26 19 16 22	00000	1.35 2.37 1.66 1.75 1.59 0.81	- 0.52 0.01 - 1.25 - 0.93 - 1.15	1.53 0.60 0.97 0.50 0.63	25 25 25 19	7 7.0 T 6.0	0 T 2 T 5	3 3+ 2+ 2	3 2 4 1 4 1 4 1 2 1	
PRINCETON ST CHARLES SAINT JOSEPH WB AP SALISBURY SAVERTON L ANO O 22	R	49.4 56.4 49.8 53.0 49.5	32.5 28.4 29.7 30.6	44.5 39.1 41.4 40.1	0.0 - 2.8 - 2.2	80 67 75		14 11. 14 13	4 4 3+ 5	630 793 725 766	0	3 :	12	0 0 0 0	1.92 1.54 1.45 2.28 2.27	- 1.63 - 0.76 - 0.89	0.70 0.68 1.17 1.70 0.91	25 24 25	0.0 3.0 T T	0 1 T T 2	3 2+ 2 3+	4 1 3 1 2 1 3 1 5 2	
SHELBINA STEFFENVILLE TARKIO TRENTON UNIONVILLE		50.5 49.5 46.9 50.4 45.9	28.2 28.0 24.4 29.7 25.8	39.4 38.8 35.7 40.1 35.9	- 3.4 - 4.4 - 1.0 - 3.0	64 66	28 27+ 27 27 27	12 10 7 12 8	4	788 806 903 765 895	0 0 0	1 2	23	0 0 0 0	2.03 2.69 0.86 1.64 3.04	- 0.76 - 0.32 - 0.81 - 0.81	1.05 2.00 0.43 0.98 2.11	25 18 25	T 0.5 0.5 0.0	T T O T	3 3 13	3 2 2 2 3 0 2 2 3 2	
VANOALIA WARRENTON 1 N OIVISION		55•2	30 • 6	42.9	0.4	80	12	10	5	677	0	3	16	0	1.24	- 1.94 - 0.54	0.44	19	3.0	3	2+	3 0	
														1									
SOUTHWESTERN OIVISION  ANOERSON 1 SW APPLETON CITY 80LIVAR 80ONVILLE WATERWKS 8UTLER		58.7 56.5 55.8 49.4 57.1	30.8 32.0 33.8 29.0 32.6	44.8 44.3 44.8 39.2 44.9	- 4.0 - 0.8 - 1.5 - 4.1	81 76 76 76 76	12+ 28 13	7 11 14 14		619 635 620	0 0	1	17 16 14 18	00000	1.57 1.07 1.29 1.45 1.77	- 2.13 - 2.08 - 2.14 - 1.59	0.71 0.50 0.82 0.63 0.64	25 25 25	0.0 1.0 1.5	0 1 1 T	2+ 2 3+ 2	3 2 3 1 3 1 4 1 4 2	
BUTLER CAA AP CAMOENTON CAPLINGER MILLS CARTHAGE CLINTON 1 NNW		52.7 57.0 57.8 58.8 52.8M	30.6 29.2 32.7 33.6 29.3M	41.7 43.1 45.3 46.2 41.1M	- 3.9	74 78 77 79 75	28 28	14 8 14 13 11	4 3+	718 673 607 577	0	1 2 1 0	16	0 0 0 0	0.93 1.86 1.39 1.38 1.19	- 1.34 - 2.17	0.41 0.88 0.70 1.04 0.55	25 25 25	0.3 3.5	T 4 3 3 0	2+223	3 0 4 1 3 1 2 1 3 1	
ELOON HARRISONVILLE HERMITAGE JEFF CITY KWOS JOPLIN CAA AP		54.8 55.4 56.7 54.6M 55.0	31.4 32.9 27.6 31.0M 34.8	43.1 44.2 42.2 42.8M 44.9	- 0.5 2.9 - 0.8 - 3.7	75 78 79	28 12	11 11 - 1 12 17		672 639 703 678 616	0 0	2 1 1 1	17 21 17	0 0 1 0 0	1.34 2.43 0.87 0.75 1.64	- 1.70 - 0.37 - 2.31 - 1.56	0.74 1.96 0.42 0.36 1.16	25 25 25	3.5 0.0 0.0 2.6 1.0	3 0 0 2 T	2+ 3 3+	3 1 2 1 3 0 3 0 3 1	
K C UNIV OF K C LAKESIOE LAMAR LEBANON 1 ENE LEXINGTON		52.1 52.7 54.2 55.3 50.6	30.7 29.5 31.0 32.1 28.7	41.4 41.1 42.6 43.7 39.7	- 4.6 - 3.5 - 3.4 - 1.3 - 3.7		13 29 28	13 13 13 9	4 5 4 4 3+	726 652	0	1 1 1	17 18 15 16 21	0 0 0 0	1.40 1.57 1.37 1.54 3.37	- 1.41 - 1.18 - 1.82 - 1.94 0.59	0.80 0.80 0.60 0.56 2.64	25 25 25	.0 T 2.5 T	0 0		3 I 4 1 4 I 4 1 3 2	
LOCKWOOO MARSHALL MARSHFIELO MONETT MOUNTAIN GROVE 2 N		57.8 54.9 55.1	34.3 29.6 32.6	46.1 47.3 43.9	- 1.2 - 0.7	77		14 11 13		577 695 649 651	0	1 1 2 2 2	15	0000	1.23 2.91 1.75	- 2.33 - 0.01 - 1.27	0.76 1.37 0.82	25 25	2.0 0.0 3.0	0 3	2	4 1 4 3 4 1 5 2	
MOUNT VERNON 3 SW NEOSHO NEVAOA OZARY REACH SEOALIA		56.5 60.1 58.0 59.2 55.1	33.3 33.1 33.8 31.7 32.1	44.9 46.6 45.9 45.5 43.6	- 1.0 - 1.5 1.0	78 81 76 82	24 10 28 29	15 11 14 15	4 4 4	617 564 587 655	0 0 0		14 15 14	00000	1.61 1.50 1.25 4.40 1.19	- 2.28 - 2.05 - 1.62 1.31	0.87 0.70 0.60 2.69	25 25 25 25.	2.0 1.0 3.0 T	1 3 0	2	4 1 4 1 5 1 4 2 3 1	

BLE 2 - CONTINUED

	Temperature															Precipitation								
											N	lo. of	Daye						Snow.	Sleet, H	ail	No.	of D	ıy•
Station		g			. T					Days	Ma	ıx.	MI	n.		. I	Day			슆집		More	More	
		Average Maximum	Avetage Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	2	90° or Above	31° or Below	31° of Below	Delow	Total	Departure From Normal	Greatest	Date	Total	Max. Depth on Ground	Date	.18 or Mc	.50 or N	1.00 or More
IGMAN MOUR 4 NNE LINGFIELD W8 AP ET SPRINGS ISAILLES	R	57.1M 54.2 53.3 54.3M 53.4M	33.7M 30.7 32.9 29.7M 31.5	45.4M 42.5 43.1 42.0M 42.5M	- 1.2 - 2.9 - 1.8	80 76 77 77 76	28+ 28 12	13 12 14 11 7	4 3+ 3+ 4	603 692 672 708 698	00000	2	17 14 18 18	0 0 0 0	3.00 1.85 1.56 1.63 1.05	- 0.60 - 1.81 - 1.60	1.98 0.70 0.58 0.97 0.36	24 24 25	7 2•8 T	0 5 2 T 3	3 2 29 2	4 3 4 3 3	1 3 1 1 0	1 0 c 0
RENSBURG CENT T C 15.40 NO 1 IOLA NESVILLE 2 W IOSOR 3 NW		54.5 56.8 57.4 58.2 54.3M	33.3 30.6 33.9M 28.4M 31.6M	43.9 43.7 45.7M 43.3M 43.0M	- 0.1 - 3.3	75 75 80 80 75	28 27 12+	15 7 15 7 12	4 4 4 4	645 651 610 673 675	0 0 0	1 1 1	15 17 14 17 16	0 0 0	1.12 1.56 1.91 2.05 0.68	- 1.97 - 1.99	0.65 0.63 0.56 0.98 0.31	25 24 25	6.5 0.6	0 4 3 1	3 2 3	2 3 5 5 2	1 1 2 0	0 0 0 0
IVISION				43.6	- 1.6										1.67	- 1.48			1.4					
OUTHEASTERN, OIVISION																								
TANCE 5 ESE ADIA ICH TREE ICK 6 NW PE GIRARDEAU MO ST		58.2 56.6 56.3 57.5	34.2 34.6M 32.6 30,1 33.6	46.2 45.6M 44.5 43.8 45.6	- 1.8 1.0 - 2.8 - 1.2	75 77	12+ 12	18 15 13 17	4 5 4	579 599 630 649 595	0 0 0 0	0	16 14 18 14	0 0 0 0	2.85 1.87 3.09 2.21 2.46	- 2.18 - 0.89 - 1.68	0.81 0.58 1.70 0.77	19+ 24 19	0.0 0.0 T	0 0 T 3	3 2	5 4 5 5	3 2 2 3 3	0 0 1 0
CUTHERSVILLE RESTON ARWATER DAM 'STAL CITY 1 N IPHAN		61.2 59.1 59.1 56.2 60.3	39.9 36.6 32.5 30.2 33.4	50.6 47.9 45.8 43.2 46.9	- 0.8 - 2.0 - 2.1	78 79 80	12 12 12+	22 20 15 9	4 4 4 15	450 526 588 667 560	0 0 0 0	0	9 10 16 18 17	0 0 0 0	2.47 2.49 3.04 1.53 2.40		1.01 0.99 1.37 0.56	24 24 25	T T 0.0	0 0 0 1	2	5 5 4 3 5	2 2 3 1 2	1 0 1 0
MINGTON MINGTON CAA AP ENVILLE 4 NNW STON KSON		55.5 53.5 58.5 55.5 58.7	32.3 30.5 32.8 31.8 33.9	43.9 42.0 45.7 43.7 46.3	- 2.6 - 2.0 - 2.8 - 0.9	77 78 78	12+ 12 12 28 12	14 14 17 12 19	4 4 16 4 4	646 705 595 652 576	0000	2 0 1	15 20 17 16 16	0 0 0 0	1.43 1.37 2.93 2.84 1.71	- 2.49 - 1.33 - 1.40 - 2.46	0.52 0.47 1.24 0.72 0.57	25 24 25	2.0 1.0 0.0	2 1 0 4 0	3 3+	3 4 6 5	1 0 2 3	0 0 1 0
NETT RADIO KROA MKONONG KING 4 N DEN CAA AP BLE HILL	R	61.8 58.1 52.2 58.1 59.3	38.0 39.2M 30.8 34.7 31.8	49.9 48.7M 41.5 46.4 45.6	- 0.7 - 5.6 - 2.0	78 78 79	12 12+ 29 12	21 24 6 20	4	466 495 569 599	00000	2	10 9 15 16 17	0	2.93 3.59 1.94 2.94 2.37	- 0.51 - 1.19 - 1.91	0 • 72 1 • 00 0 • 76 1 • 42 0 • 98	25	0.0 5.5 0.0 T	0 0 4 0 0	3+	6 5 4 5 5	3 4 2 2 2 2	0 1 0 1 0
RYVILLE LAR BLUFF 'TAGEVILLE LA SCHOOL OF MINES NT LOUIS WB AP	R	57.1 60.0M 60.9 52.7 52.7	33.2 36.0 39.0 32.8 31.5	45.2 48.0M 50.0 42.8 42.1	- 0.6 - 2.7 - 2.3	78 78	12 12 12+ 13+ 12+	18 19 21 11	4	612 522 461 703	0 0 0 0	0 0 1	16 16 9 11	0	1.56 2.50 3.30 1.89 1.14	- 1.86 - 1.74 - 2.28	0 • 53 0 • 95 0 • 92 0 • 84	24 23 25	0.0 T 0.0 3.0 1.0	0 0 0 3 1	3 2+	4 6 6 4 3	1 2 3 2 0	0 0 0 0
NT LOUIS WA CITY NT LOUIS UNIV NT LOUIS WASH U EM STON	R	52.9 53.8 52.3 53.1 56.5	33.5 34.3 32.6 30.1 34.8	43.2 44.1 42.5 41.6 45.7	- 2.1 - 0.1 - 2.1 - 4.8 - 2.9	78 78 78	29 13+	16 16 16 12 20	4 4	670 642		2 2 2	14 14 14 16 12	0	1.10 1.13 1.22 2.20 3.32	- 2.21 - 2.50 - 1.67	0 • 48 0 • 44 0 • 63 0 • 78 1 • 95	25 25 25	1.8 1.1 3.5	1 1 3 0	3 2+	3 3 4 6	0 1 3	0 0 0 0
ESTON CROP EXP FARM ON 1 SE MY CAA AP PAPELLO DAM STER GROVES		56.8 56.2 52.4 56.2 54.2	35.3 29.7 29.8 35.5 31.6	46.1 43.0 41.1 45.9 42.9	- 4.3 - 1.6	80	12+ 12 13	20 12 8 19 14	5 4 4	579 675 733 679	0 0	1 2 0	18	0	3.16 1.12 2.88 3.39 1.20	- 1.36	1.31 0.40 0.94 1.72	3+ 18 2 24	3.0 10.0 T	0 3 4 0 2	3 3+	6 3 4 5 3		1 0 0 1
INGARTEN IT PLAINS ILOW SPRINGS		55.8 55.6 55.7	33.0M 33.1 31.9	44.4M 44.4 43.8	- 2.7	78 78 78	12	15 17 14		650 634 647	0	1	14		1.11 4.75 3.12	0.84 - 1.12	0.60 2.1 1.18	7 23	0.0 T 1.5	0 T 1	2 3	3 5 5	3	0 1 1
IVISION				45.0	- 1.8										2.33	- 1.70			1.0					
TATE				42.6	- 1.9										2.03	- 1.24			1.1					

DATA PECEIVED TOO LATE TO BE INCLUDED IN DIVISION AND STATE MEANS.

# DAILY PRECIPITATION

Table 3

MARCI

Table 3																												-		ARCH
Station	Total	1 2	3	4	5	6	7	8	9	10	11	12	Da 13	y of m	onth 15	18	17	18	19	20	21	22	23	24	25	26	27	28	29	30
ADVANCE 5 ESE ALBANY ALTON AMITY ANGERSON 1 SW	2.85 1.80 - 1.36 1.57	.28 T	_ T							Т	7 T		Т	Т				. 47	.77 .27 .50	.06		.05	.35	.81 .78 .99 .05	.59 .33 .53 .60	Ŧ			T T	Ŧ
ANNAPOLIS 7 SW APPLETON CITY ARCADIA AUXVASSE AVA RANGER STA	2.13 1.07 1.87 2.08 2.58	•15 •42 •56	• 31			T .	т					·21	т					. 30	.57 .58 .17			.20	7 .06 .02 7	.27	.68 .50 .58 .57 .75				T T	T
RELLEVIEW BERNIE RETHANY RIRCH TREE RLACK 6 NW	1.74 2.62 1.85 3.09 2.21	<b>.</b> 53	•47 •30 •33			т						Т	• 01	т					.59 .14 .65 .76 .77	.11		T T	.30 .12	.14 1.27 .05 1.70 .16	.54 .31 1.03	•06				T •92
BLOOMFIELD BOLIVAR BOONVILLE WATERWKS BOWLING GREEN BRAOLEYVILLE	3.51 1.29 1.45 2.75	.13	• 32 T • 22 • 77	-	-	т -	-	-	_	-	-	•02	.49	·01	-	-	-	т -	.08 .39 .43	.05	-	.05	.21	2.15 .15 .79	.87 .63 .72	-10	т	-	T T	T
ARODKFIELO ARUNSWICK BUFFALO BUNKER BURLINGTON JUNCTION	2.35 2.53 1.27 - 1.05	- 1	T • 24 - T	-	-	-	-	-	-	-	-	-	.04	-	-	-	-	-	.49	-	-	Ţ	-07	.40 T .14	.76	-	-	-	T -	-
AUTLER RUTLER CAA AP CAMBENTON CANTON LAND D 20 CAPE GIRARDEAU MO ST	1.77 .93 1.86 3.01 2.46	.37 .02 .38	•02 •10 •08		Т	•02		т	т	т	T T	T T	T T	T T			Ť	.58 .35 .08	.18 .69 .61	Т		.02 .03 .08 T	.08 .12 .17 T	•13 •41 •05 •01 •77	.64 .88 2.18 .60		Т	•02	T T	• C1
CAPE GIRARDEAU CAPLINGER MILLS CARROLLTON CARTHAGE CARUTHERSVILLE	7.13 1.39 3.18 1.38 2.47	•31 T •02	.08 .10								T T	Т	T T	т			т	.38	.46 T	•		Т		.87 T .33 .15	.46 .70 2.46 1.04	.02			.01	
CASSVILLE RANGER STA CENTERVILLE CENTERVILLE RANGER STA CENTRALIA CHADWICK	2.58 2.27 2.28 1.50 2.23	.03	•50 •49 •17 •36			.01	Т				т	T		T					.08 .61 .60 .45 .04	T •01		•17	.22	1.30 .61 .58 .30 .91	.69 .50 .60 .57		.10	т		
CHARLESTON CHILLICOTHE 2 5 CHILLICOTHE RADIO KCHI CLEARWATER OAM CLIFTON CITY CLINTON 1 NNW	2.49 3.04 3.35 3.04 .98	.27 T	.53 .17								'	.02	TT	т				.45	.42 .05 .66 .30	т	т	•07	.06	.99 .02 1.12 1.37 .06	.45			т	т	ı
COLOMA COLUMBIA WB AIRPORT R CONCEPTION CONCURDIA	1.19 3.11 1.20 1.45 1.83	•15 •15	T T							т	т т	т ,	T T	т			т	.12 .64 .21	.61 .02 .11	T T		т	.05	.07 .12 .04 .99	1.14				T T	т
COOK STATION CRANE MOUNTAIN CROCKFR CRYSTAL CITY 1 N CUBA OFERING	1.56 .94 1.53 1.86	•57 •49	.01 .60	т		T T						т	т	T T				٠	.40 .11 .41 .40	.36 T		т	.08 .26 .03	. 26	1.25 .57 .56 .60				T •03	т
OE SOTO OE XTER OONIPHAN OONIPHAN 2 W  EAST ENO	2.79 1.51 2.91 2.40 2.39	.46	.34 .47 .35									T		•03					.15 .37 .16			.39		1.09 •11 1.43 •12 •82	.20 .52 .35 .50	•17			.04	ı
ENDI ENU ENGERTON EOINA ELOON ELDORADO SPRINGS ELIJAH	1.76 3.84 1.34 1.45	.34	.04							т	т		T • 02	T T			T T	•12	.33 .86 .09	T T			T .23	.07 .02 .05 .01	1.36 2.76	.74		T •06	т	• 04
ELLINGTON ELLSINORE 1 N ELSERRY FAIRFAX FARMINGTON	2.63 3.87 1.32	.45	.49	T							Ť	Т	т					т -	.63 .60 .35	т		•09	.95	. 86	.65 .66 .33 .30	• 50				T
FARMINGTON CAA AP FARTTE FISK FORSYTH FOUNTAIN GROVE WILDLIFE	1.37 1.56 2.92		.01	-	T -	T -	-	-	-	-	т -	T -	- T	-	-	-	-	.39 .15 - T	.06 .45 .22 -	T -	-	-01	.05 T	.06 .32 1.22	.47 .57 .60	•05 -	-	-	T T	- '
FREGERICKTOWN FREMONT TOWER FULTON 4 SW GALENA GALLATIN 2 NE	1.28 4.13 1.71 3.00		•36 •45 •61 •34								т	Т	т	т	Ì				• 26 • 66	т		*	.02 .30	.30 T		.87	T •08			т
GERALD GRANDY GRANT CITY GREENVILLE 4 NNW GREGORY LANDING	1.54 1.42 1.84 2.93	•	.51 T .44								т	.08 T		т.				.05	.74 .49	т			.15 .03	.03 .41 .17 1.24	.57 .86 .93 .71	•02		• 03	т	,
GROVESPRING HAILEY HANNIBAL HANNIBAL WATERWORKS MARRISONVILLE	1.96 2.38 2.08 1.75	.20 •42	•42							•05	т	.08 T	T T	т				.01	.15	т		.01 T	.10 .98 T	.35 .60 .55 .20	.94 .51 .78 .74		• 07	T T	т	т
HAZLEGREEN 2 W HERMANN HERMITTAGE HOUSTON JACKSON	1.66 1.34 .87 2.84	.77				Т					•02	т	•10 T	7				•31	•32 •34	т		•01 T	.52	.18 .23 .22	.73 .49 .42 .72					T T
JEFF CITY RADIO KWOS JEFFERSON CITY JEPOMH JOPLIN CAA AP	2.35 1.64		•21 •33			т					***		T T	Ť			т	•01	.18 .52 .63	T T	т	T T		T T .74 1.16	.36 .64 .93 .08				т	Ť T
FANCAS CITY WA AP R F C UNIV OF K C FENNETT PADIO FROA FEYTESVILLE 4 NE FIDDER	1.40	- 40	T	.ºº1	-	-	-	T - -	-	-	T -	-	† -	-	-		-	.17 .35 -	.03	-		.30	.05	1.37 .19 .72	T	-	-	-	T T	-
VING CITY VIPTYVILLE PADIO VIPY VIPTYVILLE CAA AP R VOORDONG	3.69 4.07 3.59	Т	T . 37	0	-	Ī	_	-	-	T T	- Т	.17 T	T T	-	-	-	т	.64	.41 .06 .86	_ T	-	- •02	- т	- .39 7.81 1.00	2.00	-	-	-06 T	T .01	
LA PE LE LAMESTOF LAMAR LAMET FOREST SERVICE LATEROR 3 SW	3.79 1.57 1.37 3.98 1.69	Т	•31 •25 •37			т				Т		. 35	.05	Т				.10	.36 T .04	T.11		Т	T •17	•10 •41 2•42	08.					T

3-Continued

3-Continued	,													-		-		_	-												MARCH	1954
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	Day 13	of m	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
toph the form of t	1.54 3.37 1.94 3.10 1.23		T	.41 T .57	т		т						т	т					т	.32 .56 .30	T T T		•03 T		• 29	1.44				т	T	
ANA STARKS HUR NA NIA LOCKOUT	2.91 3.24 1.90 2.57 3.14		.45	•64 •66 T								T T	•53	. 89 T T	т				•02 T	.38 .42 .53 .63	.03 .12		T •16	.73	. 22	.96 .98 1.25 .38 2.48			т	•02 T	Т	
TO AA AP R	1.66 2.94 2.73 2.37 2.91		.34 T	.04 .43 .42								т	.11						•11	.65 .07 .14 .35	.01		•57	.20	. 29 . 08 . 79 . 98 . 77	.68 .33 .67 .51	т			т	т	•01
wd 문 영국하고 V 노건 M 용 학업	1.75 1.99 1.35 2.37 1.83		.27 T	.84 T					т			.01	т	T T •02	T T				.04	.03 .43 .22 .64	T .12 .02		•04	*34 T	• 21 • 15 • 64 • 01	.82 .56 .17 1.53		т	•03	T T T	т	
Down & NE N AAD O KNCH	1.66 1.76 1.64 1.75		T •04	.36	-	-	-	-	-	-	-02	_	-	T _	-	-	_	-	•25	.47 .45 .46 .36	.05 .04	-	т -	_	•15 •19 •08 •13	.60 .45 1.10 .97	-	-	_	-	*03 T	-
CL V CLE PANGROVE 7 N VERNON 3 SM	1.88 3.40 1.60 2.60 1.61		.12	•12 •50 •45								т		т	т				.05	.66 .19 T	.35		.05 .02 .06	.30	. 87 . 16	.88 .48 .75 .86	Т			т	т	т
T An Garage MAGE	1.50 1.25 2.88 1.59 3.29		• 25	T T	Т						т	T T	т	т	T T			Т	.10	•12 •57 •50 •23	т	Т	T T	T .67	.03 1.47		.63		т	T	T T	т
TOWER A TO A S A LLE	4.41 .81 1.25 2.45		.05	T •16	-	•	-	-	-	-	•02	-	-	т	•02	-		-	-	.35 .10 .22 .63	T T	-	.01	- •03	- 35 • 04 • 14 T	.69	-	-	-	Ť	т т	-
9 9 <u>6</u> АСН 6 В а	2.01 4.40 1.02 1.77 3.76		T 	.25	-	-	-	-	-	-	-	<u>T</u>	-	T -	-	-	-	-	-	.20	<u>T</u>	-	-	-	• 25	.75 1.18 .40 -	-	-	-	T _	T	-
TVILLE  CITY  ANT H LL  AN BLUFF	1.56 1.67 3.29 2.67		.05		T							T	•02	•13 T				.01	.70	•21 •42 T •35	Ţ			.13 .08	1.80 .09 .41 .61	•53 •96 2•37	т				т	
AGE TILLE	2.50 3.30 1.92 2.89 2.69		•22	.48 .08 .40 .37			т						т		•				.42 .18	.10 .21 .32 .14			.27	.36 .92 .25 .57	.95 .82 .70 1.50 1.16	.51 .72 .39 .51 .39	.06		• 09		•03	•03
A MUCE OF MINES	1.21 1.96 1.89 2.49		۲	.60 .65 .43			т					.02		.01						.25 .27 .23 .59	T .02			.07 T	.07 .36 .17 .79	•4B			т	.01 T	Т	т
- PH oR AP P	1.45 1.16 1.10 1.13		7 •36 •33 •28	.01 .01							T T T	T •01 •02	.04 T .01	*01 T T T	T T				•23 •19 •20 T	.02 .03 .03 .30	T T		T T	*03 T T T	1 · 17 · 02 · 03 · 04	T .48 .48 .44		т	.01 T	.01	T	
The L AND D 22	2.20 2.28 2.27 1.19		•03 T	.55 .10								.03	т	T •44	т				•05	•19 •39	.02		•07		.18 .28 .13 .04	1.70 .91 .66				Т	T	
A MARÉ A MARÉ PA LÉ PON PON PON PON PON PON PON PON PON PON	1.85 2.03 2.29 3.32		T .39	•55 •01 •36	т							т	•03	T	T T				•14	•25 •18	Т	т	T •14	-66	1.95 1.31	1.05	.12		Т	т		•03
FI AS AP P	4.37 1.56 2.08 2.69		.26	.70			т -			_	_	T		T T	т	_	_	Т	.05	.45	T T •04		•05	.53 .37	.06	2.00		Τ	.04	Т	T T	
o LEF 2 W PG NGS	2.55 3.19 1.63 .86 3.51 2.94		.02 T	.33 T					т	-	т	т	T T	T .05	Ţ	-	-	-	T .32	.73 .62 .04	-		-02	.11	• 26	.68 2.47 .97		-	-	T T	T T	
e ME Pa	1.64			.35 T .40	т							T	т	т	T T					.45 .66 .38	T .22		.10	•12	1.10 T .20	.82			т	т	T • 03	
PARS FR S A 1A The SF	3.26	-	.36	.37	-	-	-	-		-	-	Ť -	T -	<u>T</u>	-	-	-	-	-	•23 •46 -	•01	-	-	-	1 • 77	.46 .67	-	-	-	- T	-	-
AA AP  LL AM  A SAMAG CENT T C  TO NOTE 1 N	2.88 1.16 3.39 1.12 1.24		.91	•25 •45 T		Т					T	T	T	т	T T				.94 T	•11 •38 •44	T T	•03	*°1	.47	1.72 1.72	.67 .69	Т			T	T T	
A	1.56 1.57 1.91 2.98 2.05		.10	.71 .31			002			т		т	т	т	т				·13	.41 .37 .48	Т		T .31	T T •25	.07 .07 .56	.63 .67				т	T	
R MOVES  ABO N  PLATA  AMPSOILLE  O PR NGS	1.20 1.11 4.75 3.75 3.12		.34 .15 .28	T .56							T	T	•01 T	т					.94	.34 .36	•05			2.17	.03	.43 .60	.05			.07	T	
3 % o	-68 2-58			•35	i								• 04							•31 •36	T			.07	1.16	.25 .60					۲	

Table 5										-MI	LI	1	FIA	VIPI	- I	AI	-01	LEC													M	MAPCH	195
Station																Day	Of .	Mont	ıh														Average
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Am
AOVANCE 5 ESE	MAX MIN	50 24	54 30		1	46 22	27		59 35	67 29	66 40	62 41	77 48	74 45	49 21	23		57 27	67 31	64	59 41	48 28	46 33	49 40	71 45	74 60	71 40	69 38	66 50	72 45	46 31	47 31	58. 34.
ALBANY	MAX MIN	46 30	45 27	28 11	33	39 11	57 12	60 22	53 24	61 35	57 37	51 31	50 38	46 24	34 15	16	56 14	63 43	59 42	50 41	46 32	50 28	55 38	49 33	48 41	56 42	50 27	67 30	62 32	33 20	32 22	43 73	49.
AMITY	MAX	49 28	46 24	30 10	35 9	39 12	56 18	62 27	55 24	60 37	59 35	55 29	59 40	57 23	35 14	46 13	54 20	63 41	60 40	50 40	46 32	50 26	59 36	50 31	50 40	60 41	50 26	63 30	63 36	38 20	32 21	24	50. 27.
ANOERSON 1 SW	MAX MIN	58 16	45 26	32 16	40 7	45 24	63 18	70 23	59 29	73 24	81	78 39	76 50	51 30	40 12	46 13	59 14	63 35	64 50	64	53 40	61 30	65 43	51 43	79 47	73 45	57 36	70 39	61 36	62 30	36 29	45 31	58. 30.
APPLETON CITY	MAX MIN	56 24	49 28		38 11	42 21	54 23	67 29	57 32	63 34	68 41	68 35	76 56	58 29	40 16	47 18	57 21	65 42	63 47	57 42	49 37	52 37	54 38	53 37	72 42	70 50	53 32	70 34	76 40	66 27	35 25	46 29	56. 32.
ARCADIA	MAX MIN	51	48 34		35	42	52	70	65	65	65	64 46	75 50	72	39 20	46	54 18	54 26	62 33	58 48	55 39	49 24	47 32	48 41	60 42	72 57	69 35	70 35	75 47	71 38	41	46	56. 34.
BETHANY	MAX MIN	46 27	46 28	30 10	33 11	40 10	59 12		56 22	60 35	55 35	52 32	51 36	46 23	33 15	45	53 13	62 41	61 41	50 40	45 32	50 27	55 37	49 33	48 40	58 41	49 26	65 3.1	62	34 19	32 21	42	49.
BIRCH TREE	MAX MIN	48 34	42 32	32 17	35 15	43 17	53 23	66 22	61 34	68 28	67 42	64 38	77 50	74 33	40 19	45 18	55 18	55 31	55 36	60 48	57 38	51 28	46 34	42	66 42	71 55	65 37	70 38	75 44	72	46 27	45	56. 32.
BLACK 6 NW	MAX MIN	52 15	50 26	34	34 14	43 13	51 20	69	69 34	68	68	65 35	78	77 32	40	46 18	55 14	57 28	61	58	56 40	50	48	47 38	60	71 59	65 32	72 36	78 37	78 38	38	46 28	57.
BOLIVAR	MAX MIN	53 27	49 27	30 14	34 14	43 21	50 27	67 36	57 33	66 39	73 43	72 43	75 57	59 29	38 17	45 19	55		61	59	51 38	50	50	50 38	73 44	71 53	57	68	76 49	56 29	36 25	45	55.
800NVILLE WATERWKS	MAX MIN	40 28	51 29	35 16	29 14	33 14	36 16	49 25	61 33	53	61	58 34	55 35	76 34	34 17	35 17	43	50 24	58 41	55 42	49 36	37 28	48	56 37	49	70 43	60 32	50 32	66	71 28	31	33	49.
8ROOKF1ELO	MAX MIN	52 26	50 28	32	37	39 15	54	62	59 27	62	59 36	51 32	49	59	38 17	48	55	62 40	60	54 42	52	55	60	58	51	60	54	67	69	59	34	47	53.
BRUNSW1CK	MAX MIN																22	**	45	**	28		38	36	41	45	31	35	39	23	23	28	29.
BUTLER	MAX	56 28	54 25	32	38	41 21	53	66	64	65	69 43	65 35	75	60 28	39 16	47	58	64	61	58	52 37		54	54 38	70 43	70	54 31	70		71	35 25	46	57.
BUTLER CAA AP	MIN	28 54 28	25 38	29	38	40	52	33 64 34	33 56	63 37	65	35 64 35	74	40	16 40	16 47	56	62	61	57	37 42 33	51	39 54 38	38 45 37	70	62	31 52	69 38	74	27 36 25	25 33 24	29 46 27	32 · 52 · 30 ·
CAMOENTON	MIN	53	51	30	31	21 41	51	67	32 67	65	67	35 66	77	55	16 38	17	55	63	62	58	53	53	38 52	37 52	72	65	60	70	78	75 75	35	60	57.
CANTON L AND 0 20	MIN	19	25 42	28	32	33	51	33 52	49	57	53 53	36 48	46	28 41	34	43	50	33 58	57	51	35 49	46	35 55	37 53	48	63	50	65	63	40	34	40	47.
CAPE GIRAROEAU MO ST	MIN	50	25 54	12	38	9 46	15	25 63	26 61	66	28 67	63	77	75	17 46	18	53	32 55	67	64	34 57	48	36 46	36 50	68	72	32 68	68	65	25 68	23	28	57.
CAPLINGER MILLS	MIN	56	35 50	32	36	20	52	29 69	36 57	33 66	40 73	41 73	73	43 66	23 39	20 46	56	29 62		61	37 52	53	32 56	39 61	42 76	71	38 55	38 70	77	43 68	28 °	46	57.
CARROLLTON	M IN MAX	25 52	28 47	14 32	14 35	18 37	52	30 60	33 53	32 62	39 58	40 54	39 75	30 60	17 36	17 45	16 52	40 62	45 62	53	44	45 50	38 60	45 55	45 58	52 61	32 50	42 66	67	28 43	26 33	29 45	32.
CARTHAGE	MIN	25 57	29 55	14 35	13 37	15 45	52	70	29 63	36 67	37 78	32 74	73	28 60	16 42	17 46	17 58	38 61	61	62	35 54	27 56	37 54	37 51	42 79	46	30 57	35 70	39 78	24 75	24 35	29 45	29.
CARUTHERSVILLE	MIN	50	61	16	13	23			33	33	70	41 68	5 9 79	28 78	16	16	19	41	46	68	38	33	42 50	39 49	46 75	55	34 67	42 69		28 75	26 73	29	33.
CHARLESTON	MIN	27	36 58	29		29 47	29		37 64	39	45	53		50 74	28	25		33	39	54	44 57	34	39	45	49 73	64	46	46 70	48	55 75	35 51	37 50	39.
CHILLICOTHE RADIO KCHI	MIN	25	35 50	- 1		25	28		36 58	35	41 58	62 45 52	52	47 63	27	21	54	29	35	53	57 41 55		35	41	46 51	58	40 51	41 65	50	51	34	34	36.
	MIN	. 21	29	14	13	12	15	24	28	34	36	31	41	27	16	16		41	43	41	37	25	31	30 46		74	30			23 73	23	29	78. 59.
CLEARWATER OAM	MAX	17	53 30			46 20			67 36		66 36	38	49	78 38	42 22 34	19	19	55 28	29	48	41	28	33	39	42	58	71 39 59	37	48	73 47 73	29		32.
CLINTON 1 NNW	MAX	'23	53 28	32 15	ļ	36 16	18			55 30		61 35	1			35 15	1	29	43	62	38	- 1	51 33		40	]	29	35	38	29		- 1	52. 29.
COLUMBIA WE AIRPORT	MAX	52 24		1	I	36 18	- 1	1	54 34	38		35	45		38 17	46 17	21	39	43	41	42 31	27	38	51 37	42	40	54 32	41	37	37 25	34 24	28	30.
CONCEPTION	MAX	46 28	21	8	{	36 11	19	1	61 37	38		29	36						40		30	25	56 36			i		32	33	35 18	32 20	23	26.
CRYSTAL CITY 1 N	MAX			20	9	39 14	15	30		28	34	36	45	30			18	26	33	48	35	25	46 29	37	43	74		40	52			27	56. 30.
OON I PHAN	MAX	54 17	49 26		17	51 21	55 20	68			67 35	40	53	75 40	24	- 1	58 16		64 26		44	30			45	77 58		41	52		55 32	36	33.
EOGERTON	MAX	53 29	51 24		38 8	41 14	57 16	64 23	54 25	62 37	60 37	58 30		58 24		43 12	55 15	63 42		55 40			61 36	53 35		62 43	50 28						
ELOON	MAX	52 24	49 28			36 15	50 23		58 33		59 38				37 17	45 17			56 44		49 36		54 35		72 38	70 51							54. 31.
ELS8ERRY	MAX	46 18				32 7	30 14								32 19	31 17	38 20		60 38		50 38	45 22	48 29	59 38	58 41	65 43	68 33	55 32	70 38		34 24		48. 27.
FARMINGTON	MAX MIN	52 21			33											44 19	52 25			58 48			45 32	47 40		72 59	62 36				39 27		55. 32.
FARMINGTON CAA AP	MAX	50 20			31 14	41 18		66 31	56 32		64 38			58 27	38 21	43 19	52 24		65 35				44 31	47 39		72 43	53 36						53. 30
FAYETTE	XAM NIM	52 22	44	30	34	37 13	51	63	55	62	59	53		62	37	45	52	60	56	53	46	5٥	58 35	53	67	68 49	52	68					52, 28.
FOUNTAIN GROVE WILOLIFE	MAX MIN	52 26	51	33	35	38	54	60	60	59	59	52	64	64	37	46	54	62	59	55	52	51	60	54	54	61	51 30	65	65	45	34	46	57. 27.
FULTON 4 SW	MAX	39	52	37	29	31 8	36	47	60	54	61	57	5 5	76	38	37	45	53	58	55	52	38	49 29	54	57	69	61	55	70	74	33	35	50.
GRANT CITY	мах	47	40	26	33	38	58	59	53	60	55	52	48	40	34	45	1	62	58	50	45	53	53	46	46	56	48	65	55	29	31	43	47.
	MIN	28	26	8	8	7	19	28	23	35	38		30	24	14	22	20	40	40	40	20	20	3,	30	40	37	27	36		10			

ble 5 Continued									D	A1.	LY	T	Ľľ.	IPE	LKA	AI	10	(E)	<u> </u>												MAF	RCH :	_
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Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
EENVILLE & NAM	MAX M1M	53 19	46 28	37	40 18	48 19	54 26	69 23	62 36	70	67 36	64 38	78 47	76 41	44 25	49	55 17	5 7 28	65	61 51		50 29			60		71 39	72 36	75 45	70 45		48	58.5 32.8
MIBAL WATERWORKS	MAX MIM	48	40	26 16	32 11	32 9	47 19	59 34	50 29	59 36	49 32	47 34	37	47 25	35 18	43	49	57 <b>3</b> 4	62	49 40		45		49 35	60 39		50 31	65 36	69 33	33 24		43	47.8 28.4
MR ISOMVILLE	MAX	54 28	49	32 17	38 11	41 19	55 22	63	61 32	65	64 43	61 39	74	58 30	48 28	48	56 25	67 45	60	57 45		49			68		51 29	68	75 48	51 24		47 28	55.4 32.9
, 10 ] T AGE	MAX MIM	55 14	48 25	30 11	35 - ·1	<b>42</b> 9	52 16	69 24	64 29	66	71 31	69 32	78 59	59 28	39 14	46 7	56 10	61 34	64 51	60 45		53	55 35	45 41	73 51	67 51	56 25	70 39	77 34	70 26	37 23	41	56.7 27.6
USTON	MAX	52 19	46 29	30 16	33 12	41 15	50	67	6 <b>0</b> 3 5	62 30	65 30	63	77 53	66 31	38 20	45	55 17	55 34	50 39	57 45	53 39	50 28		45 39	75 42	70 53	59 34	70 41	78 44	75 31		46 25	55.5 31.8
(KSON	MAX M I M	51 23	53 35	39 24	38 19	45 21	52	65 30	60 34	69 29	71 39	64 41	77	74 42	43	54	54 22	57 26	68	64 49		51 26	48 31	52 40	68	76 60	73 39	69 39	67 49	68 42	44 31	48	58.7 33.9
F CITY RADIO KWOS	MAX M1M	53	46 28	28	33 14	36 12	50	63 28	56 35	62 29	60 39	57 38	79 47	63 30	38 19	45	53 18	60 35	57 48	54 45		50	55 38	51 40	72 42	70 49	54 32	71 38	75 41	60 28	37 26		54.6 31.0
% IM CAA AP	MAX	56 31	41 25	28 17	36 17	44 26	53	67 41	56 34	67 39	78 48	76 46	75 43	43 24	39 17	19	59 26	60 46	62 51	62 43		56 36	52 44	49 40	76 47	62 44	53 36	70 44	76 43	43 28	34 27	44 30	55.0 34.8
ISAS CITY WE AP	MAX M I M	55 35	37 21	31 15	37 15	39 20	56 25	63 36	55 31	62 45	60 39	58 34	72 41	41	37 18	46	5 7 26	63 47	62	55 41		50 31		48 38	65 43	62 38	50 32	70 37	67 30	30 24	33 24	44	51.8 31.5
UNIV OF K C	MAX	52 31	50 25	31	34 13	37 20	54	60 30	55 30	60	60 39	57 33	71 48	57 25	34 16	43	54 23	61 43	58	57 41		47		55 37	63	63 44	50 30	66 34	6 <b>8</b> 40	44	31 23	42	52.1 30.7
METT RADIO KBOA	MAX	52 25	59 34	48	42 21	48 26	51 28	65 30	63 34	68	71 42	69 50	81 59	79 48	48 27	49 23	53 25	60 30	66 36	67 53	63 44	57 33	50 37	49 45	75 47		69 45	69 45	70 49	74 52	73 34	57 35	61.8
io€ R	MAX MIM																																
ESVILLE RADIO KIRX	MAX M I M	50 20	45 24	28	33 10	34 8	52 18	57 28	5 2 20	59 38	50 30	53 29	44	42 25	33 14	44	51 14	60 35	54 39	50 39		48	57 32	50 31	47 38	59 40	50 28	64 30	60 33	33 20	32 20	40 25	47.5 25.9
ESVILLE CAA AP	MAX M1M	49	37 20	27	32 10	34 7	51	58 28	51 23	5 8 3 1	49 31	50 31	44	43	34 15	44 16	50 15	59 36	52 40	51 37	43 30	47 26	57 34	48 33	55 38	58 34	48 29	63 33	60 27	27 21	34 21	41	46.9 25.6
HEDWONG	XAM MIM	50 29	5 0 2 9	36 26	36 24	47 30	54 32	64 35	63 42	69 41	70 47	66 50	78 56	78 39	41 26	49 25	53 31	54 38	54 41	60 53	60 45	49	49 39	44	62	70 53	70 42	72 43	75 51	75 55	56 34	48 36	58.1 39.2
ES10€	MAX M1M	42 19	53 21	36 18	31 16	35 13	41	52 24	67 33	5 <b>7</b>	62 32	64 33	63	78 36	36 20	39 20	46 16	56 25	60 45	61 45	53 39	42	52 29	51 39	48 41	72 47	61 31	55 38	71 36	7 <b>7</b> 35	35 26	37 28	52.7 29.5
LA R	MAX MIN	41	53 27	35 14	31 13	38 16	45	54 27	68 33	58 34	68 43	74 40	74	73 29	35 16	41 18	46	58 20	62 43	63 41	51 36	44 36	54 36	53 38	51 39	76 50	61 32	54 35	72 44	79 35	35 25	34 27	54.2 31.0
HROP 3 SW	MAX MIN	52 28	45	29 11	35 10	45 13	52 28	60 <b>3</b> 2	53 26	64	30	30	67 45	61 21	35 15	45 13	21	62 42	58 41	50 39	45 27	50 30	60 36	48 34	60	60 42	50 28	66 34	64 32	36 21	33 21	43 28	51.0 28.1
LANDR 1 EME	MAX MIM	51 24	46 30	30 14	33 9	40 15	50 23	67 36	57 31	64	66 40	67 41	76 53	69 30	38 17	44 16	54 21	58 38	57 44	56 43	50 36	50 27	51 37	50 39	66 42	68 54	55 32	69 43	77 47	71 30	38 25	46 25	55.3 32.1
INSTON	MAX M1H	45	54 29	32	30 13	36 13	38	54 26	63 30	53	63 37	59 32	56 33	75 28	34 16	37 16	47 17	55 29	63 45	63 42	50 36	41	51 33	59 37	50 41	64 43	50 31	52 31	66 40	70 26	27 24	33 25	50.6 28.7
KING 4M	MAX MIM	41	51 30	38	26 6	31 10	39 16	49 26	67 34	57 30	65 37	66 44	63 50	77 35	38 20	36 19	43 23	55 29	55 40	55 43	56 38	41 25	51 34	48 37	47	69 46	65 33	55 37	70 42	78 43	48 26	39 26	52.2 30.8
x w000	MAX M1M	57 26	5 0 2 7	32 15	40 14	45 24	52 27	70 37	63 33	67	74 42	73 44	74 55	59 29	40 16	46 15	58 23	62 43	61	60 42	52 39	53 35	49 39	50 39	78 45	<b>7</b> 3	54 33	70 45	79 48	70 30	36 26	46 29	57.8 34.3
DISTANA STARKS NUR	MAX M1M	50 12	48 28	29 14	32 12	33	45	5.8 32	53 32	62 32	55 32	52 35	55 41	50 30	35 19	45	51 20	58 28	66	58 42	49 35	48	56 34	54 37	55 40	65 48	53 33	67 30	74 38	42 26	39 24	44	51,0 28.3
ON	MAX MIM	39 18	51 21	35	<b>30</b>	34 11	36 13	52 19	58 23	53	62 28	51 28	50 29	55 31	35 13	36 12	45 14	52 16	60 35	54 38	53 30	43	47 28	57 30	48 31	60 37	59 27	51 28	65 33	68	28 19	32 20	48.4
DEM CAA AP	MAX M1M	50 24	56 32	37 24	41	49 25	50	66 28	61 38	69 34	68 42	65 46	79 52	66 31	45 24	5 0 2 2	53 24	58 31	66 30	67 51	51 39	50 30	47 35	50 42	73 46	72 53	56 41	69 41	69 48	74 35	43 32	51 31	58.1 34.7
BLE HILL	MAX MIM	52 19	51 30	40	41 16	49 17	53	69 23	65 33	70 25	68 38	64 36	77 45	76 40	45 24	48	55 15	57 23	66 23	65 50	59 41	51 26	48 27	51 39	63	76 61		69 33	70 50	70 45	47 30	49 29	59.3 31.8
SMALL	MAX MIM	53	52 28	31 14	38 13	38 15	52 11	64 29	60 29	64 33	58 38	60 33	78 40	62 29	38 15	46 15	53 20	63 43	62 48	56 43	50 35	49	57 34	58 36	66 42	66 47	53 30	66 38	74 41		34 24		54.9 29.6
SHF IELO	MAX M I M	50	48	29 13	30 13	40 19	47	65 33	63 32	66 34	71 41	69 49	76 58	69 29	35 16	41 18	53 21	56 39	58	56 40	52 37	48	48		67			68 43		74 32	37 25	42 26	55.1 32.6
MITTE	MAX		42			37 10	58 15	57 30	54 23		55 35		48		34 12			62 42			44 32		55 38		47 41	47 40	47 23			29 18		44 22	47.6 26.7
<b>₽</b> HIS	MAX M1M		50 24			33 8	33	53 18	55 22	43	58 33	49 32	55 32		35 15				41		48 31	45 25	51 25	58 32	51 33	59 39		50 28		65 22	25 22	33 24	46.1 24.6
100	MAX MIM	38	53 28	36 14	30 13	35 13	38	49	59 31	54	62 31	54 33	52 37	74 33	34 17		47	52	60	54	51 35	38	51 32	57 35				54 34			3 0 2 4		50.5
ERLY RADIO KHCH	MAX M1M	51	44	30	33	35	51	60	54	60	55	51	75	60	36 16	45 15	53 18	60 35	55 47	52	48	48	56 33	51	58		52 29	66 35			34 22		51.6 28.4
• ETT	MAX M1M											-																					
MATAIM GROVE 2 M	MAX M1M	50 24	47 27	28 14	32 10	39 18	49	65 31	65 35	67 37	68	66 48	77 53	71 30	36 18	44	55 22	53 35	5 <b>4</b>	55 43	54 39	47	45 34	43 39	63 40		60 35	69 40			38 25		55.0 32.5
MT VERNON 3 SW	MAX M1M	55	49	30	35	42 21	51	67	55	68		69	75	59	39 17	44	56	60	60	58	51 39	53	49		78	72	54		77	73	35 26	45	56.5 33.3
SMO	MAX M1M	58	56	34	39	45 22	54	70		72	81	78 45	75	62	41 16	45	60	61 37	62	63	56 40			52 42		75	60	70 45	79		35 28		60.1 33.1
ADA	MAX M1M	58	53	32	38	44	54	68	65	66	72	75	74 59	59		47	60		65	60	52	54	56	52 37	75		56	72 42	76	60	35	47	58.0 33.8
FLORENCE	MAX M1M	50	45 28	28	29		45	56	54 33	62	55		78	72	35 18	44	52	58	62	52	4.8 3.5	48	54	50 36	64	70	53	68 38	74	67	35	44	52.9 29.7
GON	MAX MIM					40						53	55	53	32 14	46	55	63	59	50	45 32	50	55	49	50	58	49	67	57	29	32	44	50 • 0 27 • 6
		7			2															1									1				

Table 5-Continued												_			I	Day	Of	Mont	ь		-										HAS	RCH .	8
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	1	16		18	19	20	21	22	23	24	25	26	27	28	29	30	31	Averag
OZARK BEACH	MAX	58	59 29	37 19	34 15	42 20	49 21	56 21	72 25	64	75 35	78 36	70	80 30	44	44			63	64	66	51	51 38	51	50	72 46	73 40	59	76 39	82 39			59. 31.
PERRYV ILLE	MAX	51 23	49	37	36 18	42	52 21	68 27	63	70 32	66 38	63	77	75 39	41	46	52	55	67	61	55 38	48 27	47	49	64	75 61	68	68	74 51	67 37	40	45	57. 33.
POPLAR SLUFF	MAX MIN	50	53	52	39	48	54 27	65 27	62 38	68	65 39	60	80	70 53	47 26	51	57	58	63	66	59 46	51	46 32	47	73 45	74 63	70 41	72	73 51	73	54		60.
PORT AGEV JLLE	MAX MIN	51 27	59 36	44	39 21	46 27	50	65	65 36	68	70	70 55	78 52	78 50	50	49	53	59	67	67 55	63	51	50 37	48	74	74 59	67 45	69	69	73 55	73	50	60.
PRINCETON	MAX MIN	47	46 29	31	l	37	55	58	54	59	57	53	51	42 22	33 14	45 15	53 12	61	62	50 40	45 31	50	57 36	52 30	49 39	58	49 26	69	62 36		32		49.
ROLLA SCHOF MINES	MAX	40 22	52 34	36 16	25 11	33 18	40	50 33	67 34	55 37	67 39	69 40	65 45	78 36	40 18	38	45	53	58	59 43	55 37	40 27	51 37	50 39	50	70 47	67 34	53	71 50	78 39	40	39	52. 32.
SAINT CHARLES	MAX MIN	54	48 34	34 21	33 14	36 16	50 18	63 29	65 35	66	59 35	57 37	78 45	75 33	38 21	47	54 22	58	68	61 47	51 39	50 26	50 35	51 40	63	71 55	55 35	73 41	80 47	72 33	42	47	56.4
SAINT JOSEPH WB AP	MAX MIN	52 30	35 20	29 13	35 11	38 17	58 19	62 25	53 27	60 40	60 39	54 33	62 43	43	34 17	45	55 21		59 38	52 38	45 33	51 28	57 38	50 35	59 42	59 36	51 29	67	55 26	26 22		44	49.1
SAINT LOUIS WB AP	MAX MIN	52 24	48 27	27 18	30 14	33 15	48 22	61 36	56 35	64 39	58 36	56 38	78 44	57 27	35 21	44	51 23	57 38	66	55 45	45 31	49	49 37	52 39	65	71 41	53 34	70 40	78 42	42 28	41 26	43	52.
SAINT LOUIS WB CITY	MAX MIN	52 29	47 27	28 18	30 16	34 18	49 25	60 38	55 35	64 43	56 39	56 40	77	62 29	35 22	43	51 29	55 39	66	56 47	47 35	48	48 35	51 41	69 43	72 44	54 37	69 42	77 45	45 28	41		52.4 33.5
SAINT LOUIS UNIV	MAX	49	45 32	32 19	30 16	34 19	49	60 38	54 37	64 41	59 38	56 39	78 46	74 32	35 22	43	50 28	54 38	66	57 50	50 38	46 30	46 35	50 40	62	70 52	53 36	70 43	78 53	69 31	40 27	44	53.1
SAINT LOUIS WASH U	MAX MIN	41	51 28	45 20	29 16	31 17	34 20	49 28	60 35	54 37	65 35	57 39	56 41	77 44	46 22	37	44 25	51 32	57 40	68 46	55 39	41	49 34	47 38	51 41	72 45	71 36	55 39	70 46	78 39	40	40 28	52.1 32.1
SALEM	MAX MIN	42 21	52 25	41 16	30 12	32 13	42 19	49 26	67 34	55 32	67 35	67 41	60	78 36	42 18	38 17	43 20	52 25	55 37	68 . 38	55 35	40 26	50 32	51 33	48	67 45	68 34	54 39	70 44	78 42	48 26	38	53. 30.
SAL ISBURY	MAX	53 25	45 28	31 14	36 14	38 15	52 20	63 32	54 29	63 35	61 33	53 32	75 32	60 30	38 17	48	55 19	61 38	57	54 43	48 35	52 26	58 37	54 36	60 41	63 45	53 30	67 35	70 40	42 25	34 24	46 28	53.0
SAVERTON L ANO 0 22	MAX	50 23	44 29	30 15	34 14	32 13	46 17	55 38	51 33	53 36	50 31	49 36	49 39	50 30	34 20	42	49 25	56 33	63 42	55 42	49 36	46 24	57 33	52 37	52 40	67 47	52 34	67 35	70 44	52 26	36 26	41	49.º 30.¢
SEOALIA	MAX MIN	52 28	52 30	30 13	34 13	37 18	50 23.	62 35	60 34	62 37	60 39	58 35	76 50	64	37 15	45 15	54 23	61 42	61 46	57 43	49 35	50 26	56 39	55 37	73 41	7,2 53	53 30	68 40	74 43	67 29	34 24	45 28	55. 32.
SELIGMAN	MAX MIN	53 26	49 25	30 14	35 13	42 23	51 25	58 31	66 36	70 38	80 46	73 55	73 55	55 28	38 15	16	58 27	61 39	62 44	57 40	53 38		54 32		77 41	71 52	56 37	69 41	73 53	68 30	37 27	42	57. 33.
SEYMOUR 4 NNE	MAX	50 20			30 12	40 23	48 28	64 35	56 33	64 29	68 32	66 36	75 36	66 20	36 19	42	53 30	55 38	56 38	56 30	51 37	47 32	46 33	44 38	67 41	67 53	55 34	67 38	76 40	76 30	37 24	47 30	54.: 30.
SHELBINA	MAX MIN	50 21			34 13	35 12	51 14	58 27	52 28	60 34	57 32	47 32	48 39	53 30	36 16	45 14	51 13	60 34	55 44	52 40	50 33	48 26	55 34	55 33	52 40	61 45	50 32	65 33	68 37	59 24	34 23	45 28	50.1
SIKESTON	MAX M IN	46 25	51 27	56 27	36 20	40 21	48 27	50 31	66 36	62 35	67 37	65 43	63 48	78 52	58 27	45	47 23	52 29	53 35	61 39	66 43	50 29	50 33	46 39	50 42	71 49	70 39	56 40	68 42	69 53	72 33	41 33	56°.
SIKESTON CROP EXP FARM	MAX	49 26	55 32	38 25	38 20	45 26	48 27	62 30	60 35	64 32	65 40	60 44	76 51	71 +6	47 26	46	51 25	56 29	67 33	65 51	57 41	48 27	46 32	48 39	72 45	72 58	63 40	66	66 48	71 40	42 32	47 33	56.1 35.
SPRINGFIELO W8 AP	MAX MIN	52 25	39 24	25 14	32 14	41 24	50 28	67 30	54 34	66 36	74 43	69 50	75 49	50 24	36 17	42 17	56 24	59 40	60 44	57 42	43 36	49 34	47 37	46 40	73 45	61 42	53 34	69 45	77 47	51 27	36 26	43 27	53 32.
STEFFENVILLE	MAX MIN	51 22	45 28	29 12	34 12	35 10	51 18	59 30	5 <b>5</b> 25	59 36	53 30	51 32	47 35	42 28	36 16	45 17	51 17	59 36	58 43	52 40	48 33	47 23	57 34	57 35	49 39	60	50 30	65 32	65 39	47 22	36 22	43 27	49.1 28.1
SWEET SPRINGS	MAX MIN	53 26			36 11	40 12	53 15	63 28	.56 32		58 38	57 33	77 47	59 28	39 15		47 15	55	65 41	55 43	46 35	50 25	59 36	54 36	69 42	69 46	51 29	68 36	74 40	54 25	33 24	47 28	54.
TARK 10	MAX	49			32 7	38 9	58 14	59 22	52 18	59 34	58 34	52 29	49 35	35 21	32 12	42 12	54 18	63 34	56 42	44 38	44 31	50 25	53 24	45 29	47 39	52 38	48 21	64 29	55 26	26 18	30 18	19	24.1
TRENTON	MAX	46 38			36 13	38 14	55 22	62 32	58 27	63 39	58 36	52 32	48 37	45 25	37 16	48 20	53 19	62 40	59 42	52 41	47 33	48 29	59 37	57 35	48 41	58 40	51 28	66 35	60 38		34 23	45 27	50.4
UNION 1 SE	MAX	57 16				36 12	48 13	62 24					80 47		39 19	45 18	51 14	58 25	66 44	59 46	51 37	49 23	51 30	50 39	69 43	73 54	57 34	71 39	80 38		40 27	47 25	56.2
UNIONVILLE	MAX	4 6 25			30 9			57 29	48 23		48	52 30	33	38 23	31 14	41	50 18	59 37	58 40	48	45 30	48 25	55 34	46 32	45 38	56 39	46 26		60 32	32 18	30 20		45.¢ 75.1
VANOALIA	MAX																																
VERSAILLES	MAX	51 25	43 27			36 12	52 24	65 31		61 42	57 39		76 53	70 32	37 16	19	54 27	60 40	56 43	57 42	48 27	50 32		50 38	72 42	61		42	73 47		34 24		53.4 31.1
VICHY CAA AP	MAX	50 25							55 30		64 37		80 48		38 18	44 16	51 22	57 38	57 42		43 30	49 26	50 33		69 41	69 39		70 43	77 41		38 24	24	52.4 29.1
WAPPAPELLO OAM	MAX	46					48 28	53 30						78 53	55 26	45 24	49 25	53 31	<b>55</b> 32	64 45	64 44	47 30	49 35	45 38	49	· 72		59 40	69 48		72 31	41 31	56 35.'
WARRENSBURG C T C	MAX	51 31												62 30	34 17	46 19		62 44	63 48	59 44	49 37		57 40	59 39	69 43	69 50		68 39	74 42		33 26		33.
WARRENTON 1 N	MAX	52 21	26			32 10							80 43		35 17	44 18	51 21	60 34	66 45	58 43	48 35	50 24	58 30	52 31	69 40				76 46		40 25	45	55.1 30.1
WARSAW NO 1	MAX MIN	56 19			34			68 28							39 17	47 16	59 16	64 40	66 45	58 45	52 37	54 24	55 38	53 40	73 43	71 53			75 38		36 26		
MASOLA	MAX	54 24		32				69 30		72 38					43 32	47 20	58 26	60 38	56 41		52 40	51 35	48 35	48 40	73	65	72 40		73 39		46 30		33.0
WAYNESVILLE 2 W	MAX MIN	52 17			36		52 19	70 19	61 34						41 20	48 15	56 14	58 34	56 25	58 27	52 38	52 23	54 38	53 40	73	72 41		73 43	80 39		42 26		58 · ·
WEBSTER GROVES	MAX	52 22			32	35 15	50 18								37 20	45	51 23	5 7 3 3	69 39		48 36		46 33	50 39		72 47	54 34	71 41	79 47	30	41 26	26	
WEINGARTEN	MAX MIN	52	45											73 35	37 22	45 20		55 33	65	57 50				49 39					77 63		39 27		55.1 33.0
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NCHE5	6PM	38	36	33	32	33	34	34	37	44	42	42	41	38	34	34	37	43	43	43	44	43	45	42	44	44	42	48	45	37	36	38	39.
NCHES	6PM	38	37	36	35	34	34	35	36	40	40	41	41	39	37	36	37	40	42	42	42	42	43	43	43	45	42	44	45	40	38	38	39.
NCHES	6РМ	40	39	38	37	37	36	36	37	39	40	41	42	41	40	39	39	40	42	42	42	42	43	43	44	45	43	44	45	43	41	40	40.
NCHE5	6PM	43	44	42	42	41	40	40	40	41	42	42	42	43	42	43	42	42	43	43	43	42	44	44	44	44	45	45	45	45	44	43	42.
NCHE5	6PM	46	46	46	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	46	46	46	46	45	46	45	46	46	46	45.
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NCHES	6PM	47	43	38	40	44	47	51	52	54	54	51	62	54	49	46	49	50	53	55	47	51	45	47	60	61	56	61	59	56	46	46	50.
NCHE5	6PM	47	44	40	40	43	46	48	50	51	51	50	58	54	49	47	48	49	51	54	48	50	45	47	54	59	56	58	58	58	48	48	50.
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NCHES	6PM	48	48	48	47	47	47	47	47	47	47	47	48	48	48	48	48	48	48	48	48	48	48	48	48	48	49	49	50	50	50	50	48.
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# SNOWFALL AND SNOW ON GROUND

Station																Day	of m	onth														
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Table 7 - CONTINUEO

Station																Day	of m	onth														
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Station	Index No.	County	Drainage: Latitude	Longitude	Elevation	vation time	01	Re- tab	0	Station	Index No.	County	Drainage ‡ Latitude	Longitude	Elevation	Temp.		Ref to tabl	)
oce 3 238	0051 0127 0143	Stoddard Gestry Oregos DeKalb Bates	1D 37 08 4 40 15 1 36 42 4 38 52 3 38 21	89 50 84 20 81 24 84 28 84 35	355 872 160 1620	8P 7	P Nello Moroni P William J. Butler A Mdna S. Hall A D. M. Colhour D S. A. Merahner	2 3 5 2 3 5 3 2 3 5	c c 7 c	Koshkonous La Belle Lakeelde Lamar Lampe Forest Gervice	4637 4694 4705	Oregon Lesis Miller Earton Stone	1 36 35 6 40 07 9 38 12 8 37 30 12 36 34	91 39 91 55 92 37 94 16 93 26	958 - 595 960		7A Genevieve T. Smith 8A James M. Fishback 7A W. S. Frame 7A M. Aull Van Hofften 7A Drley F. 6cott	2 3 5 3 2 3 5 2 3 5	6 7 C
ruce 1 SW police 7 Mm poles Cily that	D17M D304 D234	McDonald lros 5t, Clair lros Clark	8 36 38 1 37 20 8 38 12 1D 37 35 8 4D 27	84 27 90 47 84 D2 90 37 91 49	1000 600 928	6P 6	A Suth C. Haskins A Dpal G. Mutter P F. Paul Sye A Arcadia College D Glen A. Woodruff	2 5 5 5 2 3 5 2 5 5	7 C	Lampe 4 NNM Lathrop 3 SM Lebanon 1 ENE Leee 6ummlt 1 N Lealnuton	4773 4825 4846	StonW Clinton Laclede Jackson Lafayette	12 36 38 4 39 31 9 37 41 7 38 56 7 39 11	83 24 94 23 92 39 94 23 93 53	1080 1240 - 888	6P	Mrs. A. O. Rogers GP Cecll F. Hays 7A Brodie O. Barnett ID Benjamin F. Smith 7A Milliam B. Cullon	2 3 5 2 3 5 2 3 5	c c c
tager Mtatics ind 1 8 rules	0363 0503 0538	Callacay Douglas Livingstos 1ros Stoddard	7 38 00 12 36 57 4 39 41 5 37 41 1D 3H 40	91 54 82 4D 93 23 90 41 89 58	1060 30D	1 6	P C. H. Book A 0.3. Forest Service D Harry S. Stephens A Heulah M. Alexander A Harold M. Summers	5 3 5 3	c c	Licking 4 N Linneus 2 6 Livonia Lockwood Loulsiana Starks Nur.	4978	Teaas Llnn Putnam Dade Pike	3 37 33 4 39 50 2 4D 29 9 37 23 6 39 26	91 54 93 12 92 42 93 57 91 D3	1277 835 - 1078 468	6P	7A Robert D. Dasson 5P Merle Wade 11D Mrs. 1cel M. Tade 7A Hubert A. Niesan 6P Stark Bros. Nursery	2 3 5 3 2 3 5 2 3 5	7 C C C
ing Trov 1 6 44 of 0 d	0618 0695	Harrisos Shaamon 1ros Stoddard Polk	4 40 16 1 56 59 1 57 37 1D 36 53 8 37 37	94 02 91 30 90 59 89 56 93 25	916 1000 1000 440 1D71	5P 7	A Carl S. Slaughter A mildred S. Catlett P Dtto Goggin A George M. Long P SW Baptiwt College	2 3 5 2 3 5 2 3 5 3 3 2 3 5	7 7 7 c	Lucarne	5121 5164 5175	Plke Putnam Ripley Macon Monroe	6 39 27 4 4D 27 1 36 45 2 39 45 6 39 28	91 04 93 18 90 54 92 28 92 12	- 875	7A	7A George A. Garner 9A D. A. Browning 6P Roy C. Robinett 7A John W. Atmell 8A Enos Mood	3 3 3 2 3 5 3	7 7 C 7 C
ie water works ag Green cywilie ield wich	0856 087W 0990	Cooper Pike Tamey Limm Charitom	7 38 56 8 39 21 12 36 47 4 39 47 4 59 28	92 45 91 12 92 55 93 05 93 08	650 - 767 652	5P 5	A Boonville Water Dap A Virgil Cook Bimer A. Hubbard G. F. Breen D. K. Benecke	2 5 5 3 3 2 3 5 2 3 5		Malden 3 N Mansfield Marble Hill	5207 5227 5253	Dunklin Dunklin Wrlght Bollinger 6allne	10 36 36 10 36 36 12 37 06 6 37 18 7 39 07	89 59 89 58 92 35 89 58 93 11	295 - 440	8P	MID D.S. Civil Aero Adm HE Arthur Mc Gill 7A Reary D. Brown 7A Willa B. Williams 5P Municipal Dtilities	3 2 3 5	<sup>7</sup> с
agton Junction	1101 1141 1145	Dallas Seysolds Nodacay Bates Hates	9 57 58 1 37 27 7 40 26 8 38 16 8 36 16	93 D5 91 12 95 04 94 2D 94 20	- - 848 870	5P 5	A L. E. Howerton A C. D. Bighley A Ralph E. Fuller P Barley W. Johnson U.S. Civil Aero Adm	3 3 3 2 3 5 2 3 5	7	Maryville 7 NNW	5319 5340 5345	Wehster Audrain Hodasay Nodaeay Callaway	12 37 20 7 39 06 7 40 21 7 40 25 7 38 58	92 54 91 39 94 52 94 53 91 58	1484 1169 1143	5P 6P	5P Sho-Me Pomer Co. 7A Fr. H. Freese 6P R. B. Montgomery stD Earl M. Trueblood stD Lella E. Craig	2 3 5 3 2 3 5	c c c
irardeau Bo State irardeau	1275 1283 1291 1296	Candes Lesis Liscols C Girardeau C Girardeau	8 58 02 6 4D D8 6 38 00 6 37 18 6 37 18	92 45 91 31 80 42 89 52 69 32	940 488 - 347	7P 7	P Mo. Conserv. Comm. A Lockmaster D D. S. Sugineers P Teachers College A Lee L. Albert	2 3 5 2 3 5 2 3 5 3	7 C	Memphis Mercer 6 NW Memico Middletown 5 NE	5492 5519 5541 5565	Callaway 6cotland Mercer Audrain Plke	7 38 57 6 40 27 4 40 33 6 39 10 6 39 10	91 54 92 10 93 38 91 53 91 22	787 800	7 A	AD O.S. Soll Conserv.  7A John M. Aleaander  7A Dscar L. Rartley  7A D. N. Woods  7A Eloise M. Graham	2 3 5 3 2 3 5 3	c 7 c
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has 2 T ng End 'ton	2302 2318 2406 2474	Sipley Ozark Schuyler 1ros Platte	1 36 37 12 36 46 6 40 29 5 37 41 7 39 30	3	860	6P 1	A Geo. Baumgardner D Alta M. Deupree D Edmard L. Beeler A C. D. Smith A Velma L. Jackson	3 2 3 5	c c	Poplar Bluff Portageville	6748 6775 6791 6799	Lamrence Cass CsIdsell Butler Nes Madrid	8 36 57 9 38 48 7 39 33 1 36 45 6 36 26	90 23 89 41	1018	5P	7A John P. Davis 6A Dean T. Knorpp 7A Raiph C. Ulbright 7A D. M. Richardson 5P Portageville Rev.	5 3 3 2 3 5 2 3 5	
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ours 1 M 1777 -ccs 2 Mrs LE Agtos	2531 2617 2729 2801	Carter Liscols Shansos Atchisos St. Frascols			696	7P	P Lloyd N. Privett A Soll Connerv. 6erv. D Thomas J. Chilton A Dillard A. Price A F. M. Marsch	2 3 5 2 3 5 2 3 5	c 7 C	Richwoods Ridgeway 1 SE Nohy Rowersville 1 ENE	7255	Mashington Rarrison Teaan Webster	7 39 23 5 58 09 4 40 22 3 37 30 14 37 07	93 56 92 D8 93 03	1420		41D Drelim E. Smith 7A Elma M. De Clue MID Meith Jackson 7A Roy E. Daniels Fuyla V. Sracken	3	c c
ngton CAA AP te tk ain Grove Wildlife	2123 2881 2975 2995		7 39 09 10 36 47 12 36 41	93 06 95 18	76D 33D - 67D	56 G	D D.S. Civil Aero Adm P lrvin S. Schnell A Jesse L. NcKinale A Dtto Senyon S Mo. Cons. Comm.	2 3 5 3 3 2 3 5	с	Rolla 4 6E Rolla 7 6	7264 7265 7266 7267	Phelps Phelps Phelps Phelps Phelps	3 37 57 5 37 54 3 37 57 5 37 56 3 37 51	91 50 91 43 91 46	104D 870	1	8A 6chool of Mines MiD Walter M. Snelson NID Leslie B. Underwood NID Mrs. B. P. Light NID Gertrude Ponzer	2 3 5	c c c
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## STATION INDEX

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Station	Index No.	County	Drainage 1	Latitude	Longitude	Elevation	Temp. ut	ion	Observer		Refer to tables		Station	Index No.	County	Drainage :	Latitude	Longitude	Elevation	vat	d do	Observer	Refer to tables
Vereailles Vichy 2 BE Vichy CAA AP Vienna 3 NW Villa Ridge 3 NW	8912 8914 8920	Morgan Marico Marico Marico Franklin	5 3 9	38 08 39 13	81 44 91 46	1032 1040 1125	5P M1D	MID MID	Gene N. Sartram Virginia F. Huffman U.S. Clvil Asro Adm Jamee McKinnsy Vincent Hellean	a	2 3 5 2 3 5 7 C												
Wappapello Dam	8700 8712 8725	Jamper Wayne Johnmon Warren Genton	1D 7 8	38 55 38 49 38 49		475 979 987	5P 5P	BA 9 A 5 P	Lester O. Sigars U.S. Englneere Cent. Teach. Col. W. T. Zimmerman Dora Johnson		3 2 3 5 7 C 2 3 5 C 2 3 5 C 2 3 5 7												
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DRAINAGE CODE: 1. Slack 2. Chariton 3. Gasconsde 4. Grand 5. Meramec S. Missimsippi 7. Missourl S. Neosho 9. Osage 1D. Saint Francis 11. Saline 12. Spring 13. Tarklo 14. White

#### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state hasis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Monthly and seasonal snowfall and heating degree days for the preceding 12 months will he carried in the June issue of this hulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote foollowing Table 6.

Sleet and hail were included in snowfall averages in Table 1, heginning with July 1948,

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WIR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- Data in the column formerly beaded "No. of Days .01 or more" bave heen changed to "No. of Days .10 or more" effective January 1, 1954.

  No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

  And also on a later date or dates.

  Amount included in following measurement, time distribution unknown.

  Gage is equipped with a windshield.

  Adjusted to a full month.

  Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

  Water equivalent of snowfail wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

  One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

  Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).
- R

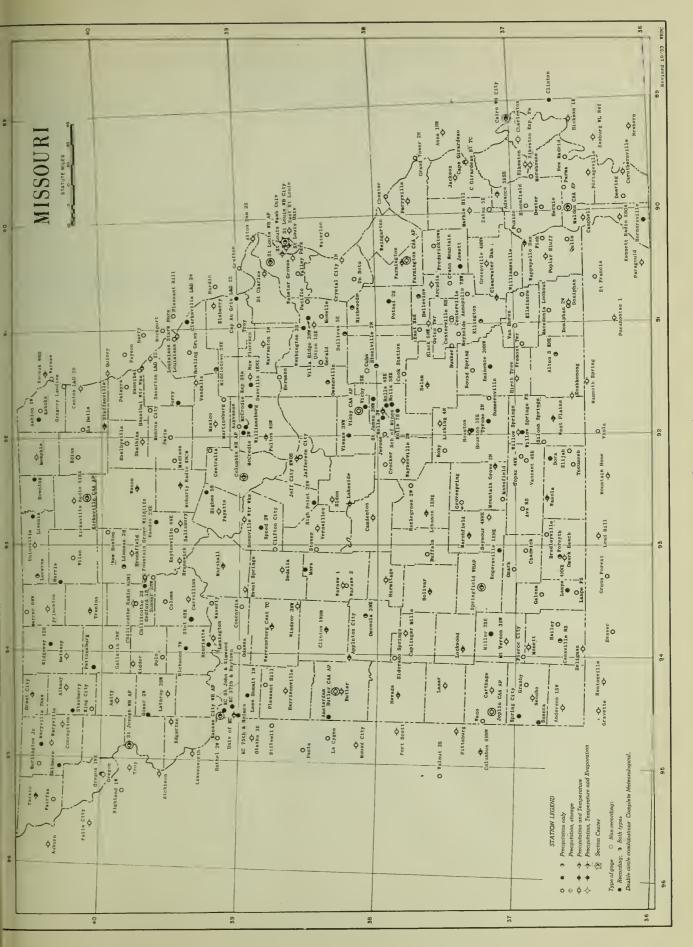
- Precipitation Data).

  Trace, an amount too small to measure.
  Includes total for previous montb.

  This entry in time of ohservation column in Station Index means ohservation made near sunset.

Subscription Price: 15 cents per copy; montbly and annual, \$i.50 per year. (Yearly subscription includes the Annual Summary.) Checks and money orders should he made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should he sent to the Superintendent of Documents. Government Printing Office, Washington 25, D. C.

W.R.P.C., KANSAS CITY, MO., - 5-18-54 - 945



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## U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

**MISSOURI** 

THE SO JOE THE

APRIL 1954

Volume LVIII No. 4



### MISSOURI - APRIL 1954

### H. F. Wahlgren, Section Director - Saint Louis

### WEATHER SUMMARY

The State average temperature of  $62.0^{\circ}$ , or  $6.6^{\circ}$  above normal, and the average precipitation of 3.78 inches, or 0.26 inch below normal, marked April as the eleventh month in the last twelve to have warmer-and-drier-than-normal weather.

Monthly precipitation totals varied from 8.57 inches at Maryville, to 1.35 inches at Dexter and Greenville. Conception and Grant City in the northwest corner also had amounts in excess of eight inches. The greatest 24-hour amounts occurred on the 6th, 10th and 11th with Albany and Grant City reporting 2.58 inches and 2.39 inches, respectively. Outstanding above-normal departures were as follows: Grant City, +5.60 inches; Maryville, +5.56 inches and Conception, +5.33 inches. Wappapello Dam recorded the greatest below-normal departure, -4.05 inches.

Although April was relatively warm, a cold outbreak during the first week sent temperature to below freezing in almost all quarters of the State. Light to heavy frost was reported throughout the section from the 1st to the 5th. Most stations recorded their lowest temperatures on the 1st, 2d, or 3d. Hermitage, in the west-central sector reported the lowest temperature in the State, 10° on the 1st. Warm air was prevalent on the 6th, 18th and 25 as maximum temperatures soared to above 85°. Amity, in the northwest quarter, recorded 92° for the highest temperature in the State. Koshkonong, reported a monthly mean temperature of 66.7° which was the highest in the State. For the second consecutive month, Memphis had the lowest mean temperature, 54.8°. The greatest monthly temperature range ways at Hermitage.

Thunderstorm activity was prevalent in all parts of the State in April. There were only ten days this month in which thunderstorms did not occur somewhere in the State. Most stations reported their severest thunderstorms on the 10th and 30th. Hail occurrence, although widely scattered, was reported on ten days in April. Hopkins, in Nodaway County, reported hail stones as large as baseballs on the 5th.

The substantial rainfall amounts which occurred during the latter part of the month, resulted in adequate topsoil moisture for most areas. Subsoil moisture continued deficient over the entire State. Oat seeding was almost completed in most sections by the end of the month. This was the earliest planting period for this crop in several years. Condition apastures and hay at the beginning of April was 61% of normal; the lowest in 28 years of record. By the end of April, corn and cotton planting was about 5% completed as many farmed chose to wait for warmer weather. Completion of field work stood at 68% in early April, but not to 78% by the end of the month. Water hauling for livestock was general throughout the State. Daily stream flow reached new record-lows for April, although runoff for the month was above normal in some areas as a result of heavy local rains. Monthly runoff at the Gasconade River at Jerome continued record-low for the sixth consecutive month. The water level in the key-well at Trenton rose slightly, but nevertheless was record-low for April.

Destructive tornadoes occurred in parts of eight counties on the 5th and 30th, causing extensive property damage and injuring at least ten persons. The worst destruction was at Westboro, in Atchison County, where two people were injured. Dollar-damages amounted to approximately \$150,000. The remainder of the tornadoes reported occurred on the 30th and caused injury and damage to the following areas: Audrain County, Shelby County, Boone County, Morgan County, Greene County, Howell County, Mississippi County, and Atchison County. Damages included demolished outbuildings, farm equipment, trees, crops, roofs, sidin and windows. Damages exceeded \$100,000 as a preliminary estimate of the destruction. High winds accompanied the thunderstorms on the 30th, causing extensive damages to parts 16 counties. Several injuries, due to flying debris and falling trees, were reported in the Jefferson City and St. Louis areas. Generally, damage was confined to roofs, windows sidings, power and telephone equipment and to trees and crops.

No rivers or streams reached flood stage this month.--JPC

## SUPPLEMENTAL DATA

MISSOURI APRIL 1954

																		711 15 21	L 1994
	Wind	direction		Wind m.	speed p. h.		Relati		idity ave			Numl	per of d	ays with	precip	itation			inset
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6:30P CST	Trace	.01–.09	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
UNBIA WB AIRPORT	5	15	11.4	50	NW	15	65	73	49	49	1	4	3	2	2	0	12	74	6.7
SAS CITY WB AIRPORT	s	23	12.7	54	SW .	26	62	69	51	52	5	0	5	1	2	0	13	52	7.2
EPH WB AIRPORT	-	-	14.3	54	NW	15	-	71	48	48	0	3	1	5	0	0	9	63	7.0
L IS WB CITY	S†	21 †	13.5	61	SW	30	67 <b>†</b>	74 <b>†</b>	46†	53†	3	5	4	2	0	0	14	72	5.9
INGFIELD WE AIRPORT	S	25	14.5	46	W	15	69	78	52	53	2	0	1	1	2	0	6	75	6.1

† -- airport data

COMPARATIVE DATA

APRIL

TOTA I																				APRIL
	Т	emperatu	те	Pı	recipitatio	on		Te	emperatu	re	Pı	recipitatio	on		To	emperatu	Te .	P	recipitatio	n
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95 96 97	53.9 56.1 57.9 61.9 54.4	95 95 100 92 88	19 20 24 17 21	8.27 3.11 2.04 3.57 4.65	.0 I .0		1918 1919 1920 1921 1922	50.8 55.3 50.2 56.0 57.3	93 94 89 91 91	19 20 4 19. 24	5.33 3.03 3.82 5.36 6.41	0.9 T 4.8 1.1 T		1943 1944 1945 1946 1947	56.0 \$2.2 \$5.9 59.6 55.2	91 89 86 94 90	18 16 20 25 22	2.91 6.68 7.75 3.37 6.78	T .0 T .0	
98 99 1 2	52.5 54.0 56.7 53.3 53.9	90 96 89 94 95	14 6 21 24 19	3.64 3.80 3.50 2.96 2.82	3.8 0.7 1.8 T		1923 1924 1925 1926 1927	54.2 56.6 61.0 49.9 57.7	92 95 92 91 94	14 11 24 11 18	3.26 2.15 4.12 2.42 8.68	0.4 T .0 2.4 T		1948 1949 1950 1951 1952	60.6 54.3 51.5 51.6 54.3	91 90 92 93 97	22 21 15 19 20	1.81 1.65 3.67 3.05 3.73	.0 0.1 0.3 0.4	
3 5 6 7	55.9 49.0 54.9 59.5 48.7	91 84 92 93 89	26 19 20 22 16	3.37 5.63 3.09 2.42 3.33	1.2 2.7 0.3 .0 T		1928 1929 1930 1931 1932	51.6 57.4 59.1 54.8 57.6	88 96 96 90 95	16 27 23 22 22	4.86 6.15 2.02 2.96 2.58	0.2 .0 .0 T		1953 1954	51.6 62.0	91 92	15 10	3.82 3.78	0.9 T	
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PAGES FOR THE PERIOD 1949 TO DATE HAVE BEEN WEIGHTED ACCORDING TO AREA AND ARE NOT COMPARABLE WITH UNWEIGHTED VALUES PUBLISHED IN THIS TABLE FOR EARLIER YEARS.

		1		rem	perature	, 			N. (5)					recipi		E1 . 11	e1	
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	Average	Average Minimum	Åverage	Departure From Normal	Highest		Lowest	Degree Da	Above 32° or Below 8610w		Total	Departure From Norr	Greatest D	Date	Total	Max. Depth on Ground	Date	. It or More
RTHERN DIVISION				}														
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OIVISION		40.0	59.2	6.0	30			'			4.93	1.45	2.013	2	Т			1
JTHWESTERN OIVISION																		
DERSON 1 SW PLETON CITY LIVAR INVILLE WATER WORKS LEFR LER CAA AP WOENTON PLINGER MILLS THAGE INTON 1 NNW DON RRISONVILLE MITAGE MITAGE LITY AAOIO KWOS PLIN CAA AP WSAS CITY UNI OF K C ESSIOE AAR JANON 1 ENE KINGTON KWOOO KWOOO KWOOO KWOOO KWOOO KWOOO	77.7 77.0 77.0 69.6 76.1M 72.2 81.2M 77.71 77.1 72.9 76.9 75.7 72.1 75.3 74.8 76.5 76.9	50 · 3 49 · 6 52 · 6 46 · 7 50 · 5M 48 · 0 48 · 8 53 · 8M 52 · 5 48 · 2 49 · 8 50 · 0 45 · 8 49 · 9 50 · 5 49 · 5 49 · 5 49 · 5 49 · 5 49 · 5 49 · 5 49 · 5 49 · 5 49 · 5 49 · 6 49 · 6 40 · 6	64.0 63.3 64.8 58.2 63.3M 60.1 65.8M 64.8 60.6 63.5 62.1 61.5 62.1 62.9 65.1 62.9 63.7 59.8 64.8 64.8 64.8 64.8 64.8 64.8 64.8 64	7.3 7.22 8.5 4.3 8.1 8.2 6.9 6.6 4.3 6.1 6.0 8.2 4.6 (8.3 6.9	89 86 85 88 85 91 87 1 87 87 88 86 87 88 86 87 88 86 87 88 86 86 87 88 86 86 86 86 86 86 86 86 87 88 88 88 88 88 88 88 88 88 88 88 88	8 7 6 6 6 6 6 6 6 7 7 9 6 7 8 6 6	15 1 221 1 25 3 26 1 25 3 24 1 25 1 25 1 18 1 19 1 18 1 25 1 26 3 10 3 10 1 22 1 122 1 24 3 24 3 22 1 22 1	13 18 9 10 12 14 16 14 16 16 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	3 0 0 2 0 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0 0	000000000000000000000000000000000000000	4.40 4.83 3.80 3.42 5.21 5.57 4.70 2.49 3.06 6.85 4.45 4.45 4.45 4.20 2.74 2.25 3.84 4.93 2.86	- 0.29 0.70 - 0.37 - 0.45 - 1.14 0.52 0.28 0.47 - 0.14 1.56 1.07 - 0.32 - 1.61 - 1.55 0.069 1.04	1.80 1.47 1.65 1.58 2.40 0.65 1.00 2.10 1.20 1.20 1.30 1.05 1.05 1.05 1.05 1.05	30 22 22+ 30 22 22 22 22 21 11 22 30 30 22 30 11 22 22 11 22	0.0 T 0.0 0.0 0.0 0.0 T 0.0 0.0 0.0 0.0	000000000000000000000000000000000000000		555775 456567366566774 4
JUNTAIN GROVE 2 N JUNT VFRNON 3 SW OSHO VADDA VADDA VADDA LIGMAN VMOUR 4 NNE RINGFIFLO WB AP RETET SPRINGS PSAILLFS RFRINSBURG CFNT T COL PSAW NO 1 SOLA VMOSOP 3 NW DIVISION	76.7 76.3 78.9 77.4 79.0 75.4 76.0M 76.8 74.6 74.6 77.7 78.1 78.8 71.3	50 • 4 51 • 3 47 • 4	63.6 63.1 60.8	8.8 8.2 7.7 9.5 7.3 7.9 7.9 7.6	92 87 89 85 89 87 86 90 87		22	110 8 10 144 9 11 122 177 144 133 8 11	2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.34 4.91 4.36 4.69 2.6,4 3.73 2.91 1.60 3.93 4.82 4.74 1.63 2.07 2.27	- 2.18 0.46 - 0.20 0.40 1.83 0.00 - 1.15 - 2.72 - 0.41 - 0.74 - 0.19	1.15 2.12 1.91 2.10 1.27 1.09 0.91 0.87 1.38 1.60 0.65 0.52 0.65 0.73	30 30 22 11 6 23 11 30 11 22 27 22 11	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		4545465447657545
UTHEASTERN DIVISION										1 8								
VANCE 5 ESE CAUTA PCH TREF ACK 1, NW	76.8 78.4 77.8 79.4	51.0 49.7 49.4 47.5	63.9 64.1 63.6 43.5	6.4 8.8 6.5 8.5	88 2 88 1 87 2 90 1	8	23 1 18 I 18 I 15 1		2 0 0 2 1 0 0 2	0	2.54 3.01 2.33 4.19	- 2.63 - 1.81 - 2.43 - 0.70	0.96 0.98 0.88 0.84	16 16	0.0 0.0 0.0	0 0 0		71 5 8

#### LE 2 CONTINUED

BLE 2 CONTINUED					_															11.1		_
				Tem	perat	ure									P	recipi	itation					
										No.	of Day	s					Snow.	Sleet, H	ail	No.	of Days	8
Station	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Above 32° of	-	De or Below	Total	Departure From Normal	Greatest Day	Date	· Total	Max. Depth on Ground	Date	1.10 or More®	.50 or More	or More
FALMO T VILE  T. AM  ITY   N  CAA AP  4 NW  Y A   VR A  AA AP  R  E  FF  CHE  CHE F WINES  IS WR AP  Y IS WR CITY  IS WIVERSITY  IS WASH UNI  T  ROP PXP FARM  CAA AP  PALLILIAM  P VES  INGS  ON	75.3 77.7 77.0 80.7 78.2 79.3 77.1 74.4 78.9 77.6 77.4 78.9 77.0 77.0 78.1 76.5 73.9 75.5 74.9 75.6 73.9 75.6 73.9 75.6 75.9 75.6 75.9	50.J 54.4 53.66 48.4 51.3 49.8 48.9 49.2 51.7 53.3 54.6 44.9 52.4 49.9 52.4 49.2 51.7 53.3 55.1 51.1 51.3 55.1 51.3 50.7 51.3 52.3 55.1 51.3 55.1 51.3 55.1 51.3 55.1 51.3 55.1 51.3 55.1 51.3 55.1 51.3 55.1 51.3 50.7 51.3 50.7 51.3 50.7	62.7 66.1 65.3 63.3 65.3 63.3 65.3 64.4 64.2 64.1 66.1 66.1 66.1 66.2 64.6 63.6 63.8 63.8 63.8 63.8 63.8 63.8 63.8	8.3 6.8 6.6 7.8 8.3 7.0 8.2 5.9 6.5 5.7 7.9 6.5 5.9 8.2 5.9 8.2 5.9 8.3 5.1 6.8 6.6	86 89 87 87 88 88 89 88 88 89 88 88 89 88 88 89 88 88	27 6+ 25 26+ 18 19 26+ 27 27 27 27 27 27 27 27 27 27 27 27 27	25 32 25 20 17 19 20 17 21 19 23 26 26 26 26 26 26 26 27 26 27 26 27 26 27 26 27 26 27 26 27 26 27 26 27 26 27 26 27 26 27 26 27 27 26 27 27 27 27 27 27 27 27 27 27 27 27 27	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	133 83 101 96 136 98 126 155 81 62 114 121 121 121 121 121 121 121 121 12		0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3.90 2.47 1.86 2.08 3.03 2.97 3.10 3.43 1.35 1.92 1.96 2.65 3.46 2.58 1.84 2.58 1.84 2.18 3.00 2.71 1.70 2.18 3.97 3.83 2.41 3.00 2.71 1.70 2.18 3.97 3.83 2.97 3.83 2.97 3.83 2.97 3.83 2.97 3.83 2.97 3.83 2.97 3.83 2.97 3.83 2.97 3.83 3.93 3.93 3.93 3.93 3.93 3.93 3.93	- 2.67 - 0.39 - 1.52 - 1.01 - 1.10 - 2.25 - 2.80 - 2.66 - 0.39 - 4.05 - 2.98 - 1.46 - 1.79	1.49 0.83 0.68 1.18 0.80 1.35 1.39 1.40 0.86 0.62 0.80 0.83 1.06 0.62 1.07 0.72 1.00 0.88 0.67 0.52 1.00 0.88 1.14 0.79 0.88 1.14 0.79 0.88 1.14 0.79 0.88 1.14 0.79 0.88	23 16 16 15 11 16 15 16 11 16 15 16 11 15 6 16 11 15 16 11 15 16 11 15 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	T 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.		4	67637567356455453276666764467646	3 2 1 1 2 2 2 2 2 1 1 2 2 2 3 1 1 2 2 3 1 1 1 3 3 3 3	000000000000000000000000000000000000000

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	y of m	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
VANCE 5 FSF BANY TON 11Y DERSON 1 SW	2.54 6.81 3.15 3.76 4.40		_				.96 .62 .09		.85		2.58 1.61	.16 .80 .52 1.29	.33 T	1		.02 .32 .10 .14	.55 1.26			•25 T	.07	.47	•27	.05			• P6	•81 •43 •64		.13
NAPOLIS 7 SW PLFYON CITY CADIA XVAKSF A RANGER STATION	2.27 4.83 3.01 3.78 1.88				т	T 1.03	.03 .28	т	.87			.40 .87 .25 .50	•10		.09	.09 .17 .18 .04	.89 .98				7	•02	1.56	.53	. 35	٧	т •15	. 32 7		
LLEVIEW RNIE THANY RCH TPEF ACK 6 NW	2.59 1.69 5.60 2.33 4.19					.05	.99 .06 .08	•22	т		1+67	.32 .02 .34 .60	.50		.05	.02 .59 .21	.89 .87 .88			٣	•40	•15	.49	.07	•01	.64		1.63		.33
OOMFIELD LIVAR ONVILLE WATER WORKS WLING GREEN AOLEYVILLE	1.57 3.80 3.42 4.42	_	_	_	_	T •03	•15 •30 •80	-42	•06	_	_	.54 .76 1.30	.37	_	_	.28 .21 .21	.04 .13	_	-	_	_	_	1.19	.04	• 02		_	.37 .39 .34	_	_
OOKFIFLD UNSWICK FFALO NKER RLINGTON JUNCTION	5.14 3.02 2.70 4.63	-	-	-	-	•58 •64 -	*09 T T	-	-	-	1.35 .10 - 1.45	•27 •38 -	-	-	-	.42 .13 .19	•12 •38	-	-	_	1.04	.23	.35 1.48 .54 	T •86 −		-	-	.43 .23 .35	-	-
TLER TLER CAA AP MDENTON NTON L AND D 20 PE GIRAROFAI) MO ST	5.21 5.57 4.70 5.01 3.90					т	.54 1.17	Т	•22		1.16	1.18 .37 1.11 1.06 .07			•16 •26	.20 .04 .49 .71	•20				* <sup>01</sup>	.14	1.58 .86 2.40 1.08 .52	.02		т	.33	.34 .20 .57		
PF GJRARDFAU PLINGER MILLS RROLLTON RTHAGF RUTHERSVILLE	3.59 3.61 2.49 2.47	т				.68	.75 .08	•47			• • • • • • • • • • • • • • • • • • • •	T 1.27 .28 .59	•07	т	.05 T	T •52 T	•30 •08 •51	т				•25	2.78 .78 .64	•18 •53 •83	т	-	т	• 35	1.51 T	•01
SSVILLE RANGER STA NTERVILLE NTERVILLE RANGER STA NTRALIA ADWICK	3.17 2.68 2.73 4.04 2.85	Т					• 38 • 33 • 22		.03			1.14 .56 .61 .60	•10 •15	•01		•16 •18 •36 •40	.18 1.07 1.12 .10 1.45						2.20	1.20 .36 .27 .02	т			•50		.04
ARLESTON ILLICOTHE 2 S ILLICOTHE RADIO KCHI FARWATER OAM IFTON CITY	1.86 4.08 4.39 2.08 4.08					*14 T	.40 .05 .07 T	•07	•09 T		1.65	•17 •25 •43	.48		т	•12 1•14 •26 •05 •43	.68 .06			т	T .09	.0P	T •45 •07	.05 .01 .05			т	• 65 • 84	• 18	•03 T
INTON 1 NNW OMA OMA UMAIA WA AP R CEPTION CORDIA	3.03 3.46 4.82 8.06 3.01				•01	.05 .82	.29 .17 1.44				•66 2•30	.70 .53 .07			• 05	.60 .30 .22 .62		т		•15	•19	.05 1.53 .78	1.00 1.30 .70	.ns			•16	•15 •22 •84 •26	т	
IK STATION INE MOUNTAIN ICKER STAL CITY 1 N	1.88 1.77 2.96 3.03 2.69					т	.06 .25 .73	•30	• 15			.54	1.20		T •15	.28 .13 .49 .80	.39 .76						1.17	.61 .20			•01			
RING SOTO ITER IPHAN IJPHAN 2 W	3.25 2.63 1.35 2.97 2.36	.03					•72 •07 •40	•10 •38	•02 T			.48 .35 T 1.35	•25 •34	т	•07 T	•10	1.21 1.32 .50 .70						•27	.12			**************************************	T		.28 .03
ST FND SERTON INA DON DON SPRINGS	1.60 3.73 4.90 4.68 5.74					T T	.18 .02 1.72				•72	.30 .51 1.07 .76			T •09	.35 .52 .71 .87	.42			т	•10	.23 .08	.25 .44 .42 7.10 2.46	.10				.48 .34 .16		
JAH INGTON SINORE 1 N REFRY REAX	1.90 1.73 2.23 3.57 3.10					•07	•07 •25 •65	•12	•10 •05		•60	• •46 •68 •87	.85 .15	т	т	.65 .05 .18	.93 .80 T				.40	•50	1.10	.40 .02			т	•14		۲
RMINGTON MINGTON CAA AP FETTE K K SSYTH	3.10 3.43 4.49 1.42				Т	.10 .28	.79 .83 .62	•03 •40	• 40		T •04	.27	•61	т	.02	•12 1•40 •13	1•39 •61	_	,	_		. 33	.12 1.15	•12		.02	•01	.47		т _
NTAIN GROVE WILDLIFE DERICKTOWN MONT TOWER TON 4 SW ENA	4.76 2.64 3.76 2.60 3.43					.45 T	•10 •20	•06 •17	.61		1.39	•03 • •31 1•06	•07 •69	• 03		.24 .39 .20	.77 2.70 .04 1.27				•98	•48	•17 1•20	.18 .40		Т	•33	. 45		
LATIN 2 NE AALD NRY NT CITY +TVILLE 4 NNW	4.78 4.01 3.81 8.56					.09	.88 .71	.00	•01		2.39	.74 1.02 .90 .09	.02	• 0 3	•07	.35 .29 .23 .95	T .52			•11	T .86	.01	•56 1•55 •56 •20	.55	•12		•02	.84		•02
FGORY LANDING DYFSRRING LEY NNIBAL WATERWORKS	2.49 3.37 4.11 4.78						.37 .01	*04	•01		+16	•17 •83 1•25 1•27 •14	*14	•02		.28 .03 .24	.08 .78					.30	1.28 1.97	1.30 T			•42	.40		•02
RRISONVILLE FLEGREEN 2 W RMANN RMITAGE	3.66 2.26 4.98 6.85				T	1.19	.06 .81	•04			•20	.60 .93 1.39 2.10			•06	.64 .05 .26 .28	•53 •29					2.05	1.23	.03 .60 1.03		T	***	•22 •09 •08 •27		
USTON  CKSON  FF CITY RADIO KWOS  FFFRSON CITY  ROMF  I IN CAA AP	1.92 1.96 4.45 3.37 2.10						.06 .69 .61		•72			.62 .30 .75 .45 1.04			.02 T	.23 T .35	•33 •38 •11 •04 •23		}			T	.30 T 1.50 1.38 T	7 •92 •66 •73	-	•12	т	·12 •13 •14	т	•02
PLIN CAA AP  HOYA N'AS CITY WA AR R NSA' CITY UNI OF K C NNFTT PAOIO KAGA YTESVILLE A NE	5.61 4.51 3.73 2.65				Т	.41	.90 .25 .04	7	•24		1.75 .16 T	•76 •30 •54 •77			.56 .04	.40 .25 .23	.60		_		.57	.43 1.48 .74	.41 T	T T			•17	.60	.07	T •06
YTFSVILLE 4 NF  DOFR  NG CITY  PYSVILLE RADIO VIRX  PYSVILLE CAA AP  R	- 5.33 5.00	-		-	- - - T	- - -18 1.17	1.02	=	-	-	1.25	-	-	:	45	- - - 95		:	-	- -11 T	- 08	- •16 •22	- •16 •01	-	=	=	- T •40	•72	:	
SELLE VESTOF	3.46 4.78 4.05 4.20					•20	1.25		•13		•10	.79 1.25 .80	.34			.51 .20	.20 .09				±04	•15	.70	, 93	1		1.00	.38		•07

able 3.-Continued

abie 3-Continued										_																				954
Station	Total	1 2 3	4	5	6	7	8	9	10	11	12		of m	onth 15	16 1	7 18	3 19	2	0 2	21	22	23	24	25	26	27	28	29	30	31
SOME FREE SOME A A SOME SOME SOME SOME SOME SOME SOME SOME	2.74 2.24 1.47 4.26 3.84			.06	.10 .20 .11				1.93	1.05 .25 .73				.14 .24 .14 .23	.44 .15				т 31 «	.26	T .05	.86				.15 .29 .61			T •16 •52 •82	
R AND STORES MIR R AND P TO A LOCKOUT	4.57 4.40 4.38 7.07 4.19			•25 •19	.68 .67 .10 .26	۰06			٠	.96 .90 1.30 .48			•19	.21 .40 .48	.11 T .87				63 4	35	.60 .82 .28 .06	T •02 •02 T				.32 .31 1.22			.36	
P MILL MALL	4.88 2.28 1.85 2.18 4.93			.10	.98 .43 .12 .67	т	.60		•01	.41 .95 .28 1.63	.04	•02	• 02 T	.15 1.06 .18	.06 .46 .58					.09 1	70	T .10				.38	.02	T	.85 .23	
ELD \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2.86 3.57 8.57 4.50 4.87			•05	.60 .17 .10				2.19	.78 .79 .58 1.35				.49 .20 1.00 .78	•41 •27			10 .	71 .	21	.83 .22 .46 .45	.03			1.57	1.25		1	.76 1.35	
TETOWN 5 NE SNE NE NE NE NE NE NE NE NE NE NE NE NE N	3.85 2.97 3.29 6.69		-	1.46	.66 .75 .36 .51	-	-	-	1.74	.62 1.24	_	-	-	.39 .08 T .26	.25 .15		-	•	24	16	.75 .98 .46	.14 T	-	-	-	.41 .25 .83 .47	-		.73	
CTTV SHOWS & GROVE 2 N AT YERYCH 3 Sh	6.91 1.74 2.87 2.34 4.91		•41	1.75	•37 •85		•04		•72	.21 .80 1.15 1.51	•02		•01	.33 .15 * .34	.03 .72 .40 .62		1		2.	21	•06 *	•72 •21			.10	•76 T	•22 T	.08	•64	
#0 #05TON #100ENCE #ADEID	4.36 4.69 4.66 4.11 2.75		т	•82 •02	1.26 .56	•36	т		•68	.75 .82 .26 .56	Т	Ŧ	.09	.56 .06 .40 .18	.15				05	.37	.12 .10 .22 1.79	.25 T		•01 T		•21 •50 •18	•01 T		1.91 1.25 T	
T TOWER  SA  SA  SA  SA  SA  SA  SA  SA  SA  S	3.07 4.37 3.74 3.90		-	.20	.50 .70	- • <sup>9</sup> 1	-	-	•76	- .65 .03 1.05 .93	-	-	-	.35 .42 .05	.82	-		- 04 Т		.45	- •95 •08 1•53 •90	- T •46 •34	-	-	-	- 1:09 :31 :10	-	-	- •30 •80 •34	
204 224 959CH 2-C 44897 7-C	7.77 7.64 2.97 5.40 7.15			.45 1.71	.48 1.09 .60				•0?	.45 1.27 .60 1.09 1.49	•15 •09			.07 .16 .30 .33	.75 .83 .48 .01			т			•34 1•71 2•09	.80 .29 .42			•33	•02 •70 •82				
SWA SAVE ILL	2.09 2.58 2.35 3.50 3.55		•15	5 ,04	•70 •70	•35 •05	1.00		•32	T .08 .78 .66 1.46	•36 •05 •02		Т	.04 .10 .88	1.18 .62 .20					•16	1.33	.04 1.00 .05	т			•10 •32			.25 .48 .18	
AR RUES RASEVILLE RASEVILLE STC 19	1.84 2.27 5.11 3.16 1.45	7		т	T •40 •06 •14	•07 1•45 T	T •33 •04		.02 1.53	.02 .52 .44	•60	Т	.10	T •16 •53 •02	1.07 .72 .56			35 .	.27	•46	•11	.03		•06	1.00	.70	.03	.05 .15	T •23	
HINDLDS CHAMBOOS -427 IZ A SCHROL OF WINES SPOING	2.04 2.87 2.25 3.83 2.09				.38 .35 .16 .75					.62 .63 1.16 1.00	•53			•08	. 57						.27	.45 .42 .36 .36			•25 •18	•02			•10	
WT CHARLES INT JOSEPH WH AP R W LOUIS WH AP R W LOUIS WH AP R W LOUIS WH CITY R W LOUIS UNIVERSITY	2.85 3.94 2.41 3.00 2.76	т	•0: •0: T	.01 .01	.37 .34 .29				•96 •17 •03	.79 .42 .44			•11 •09 •41 •26	.06 .04 .23 .88	.31			.06		.74	.76 .99 .78	.50 T .01		.01 .03	7 •73 •06 T	.05 .01 .01		•66	.63 .13 .10	
LOUIS BASH UNI EB LISBURY VERTIN LAND D 22 AC A	2.71 1.70 4.70 6.40 3.73			•63 •13	.42 .01 1.38 1.09	•05			.47 T	.46 .68 .17 .74				.45 .15 .16 .43	•57 •27 •20 •15					.11	.44 1.69 2.74 1.05	.40 .55			•01	.01 .44 .67	т		1.02	
GRANG A NOVE LATHALL LATHALL ESTING	2.91 1.60 4.85 6.01 1.96			.67 1.88	.66 .23	.14	•05		T •36	.89 .87 .72 .10	• 29		т	.19 .15 .15 .55	.03	т	A CONTRACTOR OF THE CONTRACTOR		.04	.92	T 1.20	.91 .26			т	•75 •57	•01	.35	•93	
TESTON CROP EXP FARM CAN SPRINGS 10 NOF FELO WA AP ECLYTLLE 2 N EFFENVILLE	2.18 2.27 3.93 2.73 4.99			•06	.79 2.27		.05		т	•19 •32 •97 •58 •44	•44		•01 T	.23 .40 .30 .02	.60				.02		T 1.28	•51 •66			T .11	T •62	• 22	.06	.23	
THEFE LIVEN 5 E MANGES Y LLE MANGE 2 SW MCET SPRINGS	3.74 2.83 1.93 2.61 4.87			#13 T	1.20 .45 .14 .13				•11	.70 .98 .56 1.31	.65		т	•11 •14 •15 •13	.57					.08	1.41	.09 .68 .40	• 02			•13 •18 •46	т		• 78	
or io confen 2 by PAI 4 bif enton	3.81 1.93 4.06 3.71 3.88			T T •02	.15 .37 .80				1.54	.92 1.34 .28	.16			.04 .25 .65 .09	1.52		10 1	.09		.37	1.30	T .05 .40			•17	•15 •61 •16		T •01	•88 T	
ON 1 SF ONVILLE E PADE NUMBER 1 S	3.97 6.78 2.82 2.98		_	_	.87 .44 .36 T	.24 T .25	•14	_	-68	•92 •47 •45	•73	_	_	.07 .23 .09			.   .		.96 1	-98	.93 .37 .35	.37 .01 .41	т _	Ţ	•22 •48	1.57	_	•03		
MZANT 4 SE P A LLES COM CAA AP O PRAPELLO DAW	2.78 4.74 3.80 4.16 1.43			T T	•11 •69 •91	т	•03			.63 .77 .97 .50	.14	т	• 25	.70 .32 .37 .03	.89					1	1.88 1.01 1.73	•31		•02	т	• 1'2 T		т	.96 .27 1.53	
OLA OLA OCA OCA OCA OCA OCA OCA OCA OCA OCA OC	2.92 5.15 4.27 4.30 1.63			Т	1.00					.32 1.48 1.23 1.28	T •27		•03	.43 .18 .37 .46	•19 •27 •32		And the same of th				1.60 2.15 1.65 1.52	T •26 •15 •11		•01		•29 •29 •32		•14	.28 .16 .05	
VERLY  ***** **** ***** *** *** *** *** ***	2.97 2.07 2.92 -		.0	•24 7 T	.14 T .57	.01			Ŧ	.43 .65 .40	т		•02 •18	.24 .41 .66	.05						1.51 .50 .87 T	T .04 T		.11		•33 •04 •04	т		.08 .45 .03	
LIAMSV LLE LOW SPRINGS NOSON 3 NW WA 5 E	1.66 3.38 2.27 2.11				•13 •66		.04			.25 .85 .66	.40 .37			•17 •27 •02	T					т	• 73	.60 .08 .02			т	•33		•02	.20	

Table 5		1								2 1 1			131	11 ,							-	-									AF	PRIL	95
Station		-										-	ı					Mon	1			T	F										Prade
	T	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	2.0	21	22	23	24	25	26	27	28	29	30	31	A
AOVANCE 5 ESE	MIN	23	69 29	66 39	72 38	83 49	80 57	81 65	77 43	70 35	51	68 53	65 46	72 49	84 57	81 68	70 48	73 40	81 47	54	81 59	83 54	82 55	80 58	85 54	88 56	87 68	86 58	<b>7</b> 8 55	79 57	78 64		74.
ALBANY	MIN	28	65 39	21	63 27	85 45	88 54	82 58	59 31	69 41	67 56	64 45	65 34	39	82 55	76 49	39	86 36	80 47	60	67 49	55	67	69 49	85	86	61	63 54	51	75 51	71 56		70.
AMITY	MIN	27	71 40	57 21	27	85 49	92 57	58	60 32	70 39	70 54	65 41	64 36	41	81 56	78 51	62 38	87 39	81 52	67	74 50	74 54	63	74 49	85 58	61	85 60	63 53	53	50	73 56		72.
ANOERSON 1 SW	MIN	15	75 27	34	80 43	86 56	84 65	81 61	68 45	75 35	81 53	66 57	66 53	72 48	84 59	78 58	63	82 28	86 61	60	82 55	81 61	72 55	82 50	50	85 51	53	63	71 55	82 52	72 64		77.
APPLETON CITY	MIN	21	75 38	73 29	68 36	85 53	89 66	83 64	65 37	76 40	85 58	75 52	65 43	69 47	83 57	76 59	67	85 35	88 54	83 50	82 53	88 58	61	52	85 55	85 56	85 60	76 56	72 56	83 53	77 60		77.
ARCAD1A	MIN	56 18	74 35	7 <i>7</i> 35	76 36	84 51	81 56	85 64	8 1 4 1	72 32	79 52	73 56	69 47	75 45	81 52	76 63	70 45	72 46	88 37	54	80 56	82 58	52	77 56	85 54	85 56	85 58	86 66	79 54	82 54	63		78.
BETHANY	MAX	57	65 38	5 1 2 1	62 26	83 45	90 65	86 56	60 29	70 38	68 55	65 39	63 33	73 53	81 54	77 46	38	85 34	82 47	66 46	65 46	65 54	62 43	67 48	85 59	62	82 58	61 53	62 50	73 50	71 56		70.
BIRCH TREE	MAX	54 18	72 26	70 39	77 41	83 47	84 62	85 61	76 42	70 35	78 52	73 51	66 47	70 49	83 55	80 63	70	75 40	85 46	80 56	87 55	80 55	80 53	82 55	84 55	85 54	84 53	85 63	75 54	81 56	80 58		77.
BLACK 6 NW	MAX MIN	56 15	74 25	74 35	76 38	85 44	84 59	87 60	79 41	73 28	82 43	79 53	68 40	75 45	83 50	79 60	65 45	79 32	90	88 52	81 55	82 54	80 57	<b>7</b> 9 56	86 53	85 52	85 54	85 62	80 55	82 55	82 62		79.
80LIVAR	MAX	56 26	70 38	78 35	78 43	85 60	86 67	83 65	68 41	72 38	82 59	76 52	65 46	70 49	82 59	78 59	60	79 39	86 63	84 54	81 61	79 58	73 53	80 54	83 61	83 62	85 64	79 61	69 55	82 5€	79 59		77. 52.
BOONVILLE WATER WORKS	MAX MIN	43 29	55 32	70 25	51 26	60 35	83 54	85 59	75 36	58 37	70 41	73 51	65 42	63 44	72 50	83 62	73 42	59 42	79 47	79 51	70 53	80 62	70 48	53 48	70 50	83 63	84 64	83 59	61 54	61 46	76 48		69.1
BROOKFIELO	MAX	56 26	73 43	65 23	66 29	83 47	88 58	86 63	66 34	71 39	71 56	67 37	66 45	75 44	82 56	80 56	62 42	85 37	80 52	74 51	77 53	70 57	61 48	70 50	85 58	86 60	85 63	81 56	63 51	75 49	74 62		74 . 48 .
8RUNSWICK	MAX MIN	58 25	73 42	64	66 31	84 50	89 58	84 63	66 35	73 40	72 57	68 49	65 40	75 43	83 55	78 54	62	85 37	75 56	73 49	80 54	80 59	60	70 52	85 57	87 60	85 65	81 57	62 54	75 47	76 61		74. 48.
BUTLER	MAX	59 24	74 33	66 29	67. 37	84 53	88 66	81 61	65 37	76 43	80 61	76 52	65 42	69 46	83	74 59	62 42	83 38	85 59	82 51	82 63	76 5 <b>7</b>	58 48	80 52	83 57	84	83 64	79 56	83 55	81			76. 50.
BUTLER CAA AP	MAX	58 24	74 35	5 8 2 8	66	82 53	85	77	63 35	74	79 60	66 48	62	68	81 58	72 42	62	81 35	85 54	72 49	78 60	65 53	54 47	78 52	80 57	80	81 60	63 56	70 53	80 53	71 53		72.2
CAMOENTON	MAX	25	75 33	72	74 34	86 52	91 62	88 62	71 37	79 32	87 57	83 50	79 42	73	85 57	80 59	65	82 36	90	88 55	85 58	82 55	75 49	80 46	87 50	87 61	90	86 58	69 53	84	82 59		81.7
CANTON L ANO O 20	MAX	55	64	55	58 30	71 46	79 48	80 56	61 33	64 36	61 33	65 45	61 35	73 37	81	74 54	57 26	81 38	75 51	63 50	78 50	71 57	59 49	65 51	86 56	85	85 63	81 57	59 52	70 46	75 61		69.1
CAPE GIRAROEAU MO ST	MAX	52 25	68	65 34	71	82 53	80 54	79 62	78 40	68 36	68 53	67 51	66 45	72 47	82	79	69	71 38	81 50	79 55	81 55	81 55	80 57	78 55	84 54	85 58	86 61	87 61	68 53	73 53	80 59		75.5
CAPLINGER MILLS	MAX	58 21	72 34		80	85 63	86 62	83 66	66	75	83 58	78 54	66 46	70 45	83 59	78 58	63	82 50	85 62	88 68	80	78 58	74 52	80 54	83 58	83	83 61	83 61	73	82 56	73 60		77.° 53.8
CARROLLTON	MAX	57 24	73 42	61	64 30	84	88	80 63	63	70	69	67 48	64	74	83	76 52	62	84 36	76 50	72 51	78 53	76 58	58 48	69 50	85 55	86	85 62	78 55	63 54	76 48	74 60		73.2 47.8
CARTHAGE	MAX	57 19	73 34	77	78 45	84	84	79 66	68	73	81	76 53	65	70 51	83 59	78 59	62	82 32	87 63	83	81 62	79 63	70 54	81 55	84	84	84 63	77 58	72 54	83 55	78 57		77.1
CARUTHERSVILLE	MAX	53	70 35	70	82	82	82	84	83	73	72 56	68	66 51	72 33	85 37	84	72 51	72 40	82 5 7	79 59	82 57	83 57	81 62	79 61	82	85 62	86 63	85 69	84 62	72 59	81		77.7
CHARLESTON	MAX	55	69	65	76 43	82	80	83	78	71	69	68	68	75 50	86 57	82	69	71 38	82 5 7	81 61	83 57	84 57	82 65	81		85 61	88	88 71	76 57	73 59	82		77°C 53°E
CHILLICOTHE RADIO KCHI	MAX	57	72 42	63	65 29	84 51	89	86 65	65	75 38	70 55	69	64	73 38	81 56	82	63	86	83 53	68	75 51	70 56	71	69 47	84 57	84	84 62	80	62	74	73 60		74.0
CLEARWATER OAM	MAX M1N	57	74 26	73	76 39	87	85	87 61	84	74 35	79 45	76 52	67	75 48	86	80	73	79 35	88	86	82 54	84 53	83	80 56	89	89	88 57	89 65	84 56	83 57	83		80.7
CL1NTON 1 NNW	MAX	56 18	58	73	59	65	86	87	77	62	74	80	68	65	69	84	75	61	81	84	75 57	79 58	70	56 49	79 56	83	83 64	83 58	63	70	82		72.9
COLUMBIA WB AP	MAX	57	30 73 37	52	32 61 34	43 85 51	87	78 49	37 60				63	73	55 84	74	61		81 53		83 55	73 57		72 50		87		65		77 45			72 · 8 48 · 1
CONCEPTION	MAX	60 27	66	26 68 19	62	85	59 87 51	90 56	37 68 32	38 67 40	57 69 54	64	39 65 36	46 75	59 81 53	82 50	72	85 42	82 46	67	64	65 53	60	65 48	85 57	85 64	83	65	60		71 53		72.3
CRYSTAL CITY 1 N	MAX	57	77	72	65	89	83	89	67	68	89	84	63	76	86	81	62	80	92	82	82	84 57	75	71 52	82	89	88	83	67	79	85 51		78.2
OONIPHAN	MIN	56	37 71	65	80	86	83	63 86	77	74	77	70	68	73	57 86	79	71	79	57 85	80	83	84	86	86	52 87	89	59 83	58 89	79	83	84		79.3
EOGERTON	MIN	19	75	66	64	83	89	65 84	61	72	70	64	64	72	56 80	76	63	33 87	82	70	77	74	62	70	83	85	57 84	68	60	75	63 72		73.5
ELOON	MIN	55	74	69		50	58	84	67	74	55 85	80	73	39 76	83	53 77	67	36 80	53 86	79	50 83	78	67	77	58 81	86	85	53 81	65		57 81		47.6 77.1 49.8
ELSBERRY	MIN	25 45	42 57	72	36 49	53 61	58	65 87	36 84	35 55	59 70	51 88	69	65	57 77	56 85	81	69	71	79	59 74	85	86	50	70	59	63	89		60			72.9
FARMINGTON	MIN	18	35 74	70	72	35 85	81	62 86	35 70	71	45 78	53 70	36 64	74	55 83	77	70	77	45 87	83	51 80	58	75	51 75	53 85	86	86	56 85	70	79	82		77.1
FARMINGTON CAA AP	MIN	54		32 54	34 71	39 84	56 80	64 86		34 69	55 77		62	45 72	54 82	77	56	75	58	57 81	57 78	79	74	53	55 84	85	59	83	52 65	79	61 81		74.4
FAYETTE	MIN	57		32 61	34 63	51 85	56 86	53 78	39 61	71	53 76	47 67	45 64	73	53 84	51 75	60	<b>4</b> 2 <b>8</b> 2	57	57 72	58 81	56 78	55	54 71	54 85	56 85	60 85	80	53 61	52 76	59 75		73.4
FOUNTAIN GROVE WILDLIFE	MIN	23	37	23	30	51 78	57	60	34	37	55	50	38	42		57		36	54	49	50	56 71	60	49 67	56	60	61	56 78	53	75	60 73		72.4
FULTON 4 SW	MIN		42 56	23		63	54	61	32 79	36	54 73	84	36	67	55	53	40		50		50	55	47	48	58	58	61	55	50	46	60		73.6
GPANT CITY	МІМ	24	28	27	27 62	34	53	59	36	37	39	51	41	75	51	62	60	39	40	50	54	61	50	49	51	60	64	62	52	44	49		70.3
	MIN		38		28	47	56	52	31	46			42		57	45	37	40	46	45	47	52	47	50	62	62	58	50	50	72 51	55		46.1

Table 5 Continued									-				LI IV.																		APRI	L 1954
Station																_	10			10	20	21	22	22	24	25	26	27	28	29	30 31	Average
		1	2	3	4	5	6	7	8	9	10	11	12		14	15	16	17		19	L	21		23			1					
REENVILLE 4 NNH	MAX	55 21	74 27	71 39	75 40	85 47	83 60	85 66	82 41	72 32	78 45	70 53	67 41	75 47	85 51	81 67	71 48	79 32	85 45	82 52		51			86 54	87 54	87 55	89 64	85 57	84 56	84 62	79.6 49.2
ANN IBAL WATERWORKS	MAX MIN	55 24	69 31	24	60 31	78 49	83 56	81 43	54 33	68 35	6 <b>7</b> 55	67 49	61 39	74 43	82 56	75 45	58 41	79 40	69 53	69 48		76 53	53 49			86 64	86 60	65 54	60 49	70 44	77 59	70.0 46.1
ARRISONVILLE	MAX	58 29	74 39	67 26	63 32	83 53	87 64	82 63	64 32	74	75 60	75 49	64	69 49	82 63	72 55	63 41	83 44	83 55	73 45		73 57	57 47		82 60	83 60	82 60	77 57	67 56	80 54	77 56	74.2 50.0
E > TAGE	MAX	57 10	60 28	77 30	74 37	86 42	87 65	83 64	68 33	75 27	84 58	77 51	67	72 41	83 55	78 56	62 40	87 27	80 40	84 44		77 56	69 48		84 50	84 51	84 57	80 56	70 54	83 50	78 56	76 • 9 45 • 8
TON	MAX	55 19	71 36	65 34	80 42	85 58	87 64	85 64	68 48	72 38	80 58	74 49	65 45	66 48	82 58	77 59	60	78 38	87 56	83 58		81 59	70 56		85 58	85 59	85 61	81 63	74 54	82 56	78 59	76.7 51.7
ACE SON	MAX	54 23	70 34	67 38	<b>7</b> 3	83 50	80 57	81 62	78 41	71 38	69 51	69 53	67 47	73 45	84 55	78 65	70 47	73 35	82 50	81 55		83 56	83 55		87 53	89 55	87 62	88 67	77 57	78 55	83 63	77.4 50.7
F CITY RADIO KNOS	MAX	57 22	74	65 28	63 36	8 <b>7</b> 52	88 58	81 63	63 38	74 37	85 61	76 52	64	74 44	85 56	76 56	60 44	80 35	87 58	76 49		80 61	64 51		86 60	87 60	87 65	82 61	63 55	79 47	77 60	75 • 9 49 • 9
L N CAA AP	MAX	58 28	72 44	81 40	77 46	83 63	86 69	78 54	65 41	73	80 63	69 55	63 52	69 53	84 62	75 47	62 45	82 46	86 66	83 63		76 59	60 54		82 63	83 64	84 65	71 57	72 56	83 57	72 57	75 • 7 54 • 5
AN A CITY WR AP	MAX	59 34	75 35	50	62 32	83 51	88	74 49	59 38	75 45	66 57	66 51	65 42	71 51	80 59	71 48	63	87 45	7 <b>7</b> 5 <b>7</b>	68 55		70 53	56 50		84 65	85 67	83 61	65 55	63 56	80 53	68 51	71.6
A - AS CITY UNI OF K C	MAX MIN	57	73 43	66 24	58	81 52	87 63	83 63	63 38	71	71 57	64 50	62 43	68 43	78 58	69 52	60	83 38	82 52	75 51		74 55	57 49	73 50	80	81 64	79 66	71 54	64 55	79 51	78 58	72.1 49.6
ENNET? RADIO KBOA	MAX MIN	54 26	72 34	71 43	82	84 58	82 66	84	84 47	75 39	74 56	67 58	65	72 51	85 58	83	70 49	73 40	82 50	80		83	86 58	85 60	86 58	87 61	88 62	88 67	85 60	76 58	83 62	78 • 9 53 • 3
DOER	MAX												1																			
'RESVILLE RADIO KIRK	MAX MIN	55	65 41	50	ەن 25	79 46	84	79 57	5 9 3 0	67 36	66 54	64 41	62	73 42	80 54	77	58 37	82 38	78 48	66 45		66	59 44	64 47	83	85 56	84 62	64 54	64 48	71	74 60	69.7
PESVILLE CAA AP	MAX	54	66	43	60 26	78 47	82	75	5 4 3 1	66 36	62 54	63	63	72 39	79 56	70	57 39	80 37	65	59 49		66 51	60 46		84	83 58	83 56	60	63	72 45	73 58	67.7
SHKONONG	MAX	57	72	72 46	81	84	84	84	84	74	74 57	70 55	66	70 54	84	84	72 48	80 43	86 57	83	79	81	81 58	84	85 58	85 60	83 61	84	84 58	79 58	79 60	78 • 8 54 • 6
AKES DE	MAX MIN	46 18	5 9 3 5	73	61	70 42	86	89 62	79 41	64	75 42	86 53	71	68 43	72 56	85 62	78 45	61	82 5.2	89 50		84	79 51	55 51	79 54	87	87 58	87 59	73 58	68 47	84 51	75 • 3 47 • 6
3446	MAX	42	57 26	73 35	73 37	75 48	84	85 65	80	66	75 43	81 53	68	66 48	71 51	79 61	76 42	64 37	83 42	86 58	84	80	78 62	63	80	84 63	84	83 57	70 55	72 58	83 58	74 • 8 50 • 3
ATHROP 3 SW	MAX	57	72 43	65	63	79 49	88	85	62	70	69	64	63	70 45		65	70 39	84	72 51	70 52	78	68	62 46	75 56	83	79 65	83 63	75 53	65 53	76 50	73 52	71.9 47.8
EBANON 1 ENE	MAX	57 22	77 38	67	77	85 54	87	80 63	66 36	73 36	83 56	75 50	64	72 45	83 56	77 57	57 40	78 38	85 60	83 51		80	73 55	78	82 61	83 62	84 64	77 59	72 5د	82 54	77 60	76.5 50.8
EXINGTON	MAX	45	5 8 3 5	73 24	51 26	63	85 56	89 66	72 36	60	72	67 49	68	65 45		82 63	73 41	62	85 53	79 51	72	81	64 48	55 49	74 52	85 63	87 63	85 5 4	61	62 50	79 51	70.9 47.5
ICEING 4 N	MAX MIN	46	55 33	72 35	66 39	80 46	84 62	86 65	84 38	65	71 45	81 48	69	66 48	71 55	81 64	76 43	58	79 51	89 52	82 58	79	80 56	64 55	82	84	84	85 65	80 57	76 53	83 59	75 • 3 49 • 9
OC# #700	MAX	58 23	73 42	73 38	75 50	83	85 67	80 64	64 38	75 39	82 58	74 54	63	71 52	82 59	76 58	63	82 42	86 62	84 54	80	78 60	68 54	82 55	84	83 62	84 63	74 60	72 54	83 56	78 59	76 • 5 53 • 1
OUISIANA STARKS NUR	MAX	56 18	71 35	60 25	63	82 48	85 55	84 63	64	68	83	67 52	65	74 35	83	77 59	60	79 32	72 45	74 46		80	63	70	86	86 61	87 62	84	62	76 44	81	74 • 1 46 • 8
ACON	MAX	43	55	70	45 21	62	81	85 59	76 30	55	69	64	66	62	73 47	81	73	59	81	69	70 47	78 48	69 47	55 44	67	84	85 61	84	62	62	71 45	68.5
ALDEN CAA AP	MAX	53	70	62	73 42	86 56	83	86 61	64	73	71	69 53	66	72 50	86 57	78 56	61	74 43	83 52	80	83	84	84	82	86 57	85	89 61	89	67	79 59	83	76.7 52.4
ARALE HILL	MAX	54	70	70	73	82	80	82	80	70	74 45	71 52	69	73 45	82 56	79 66	73	74	83 54	81 55	80	82	82 50	82 57	83 52	88	87 54	87 68	85 57	80 56	82 61	77.9
ADSMALL	MAX	58	74	69	63	85	86	85	67	72	72	67	67	72	85	78	62	82	80	79	80 59	78	60	72 50	84	85		81	63	77	76	74.8
AP METELO	MAX	54	70	69	78	84	86	84	70	71	81	76	65	70	82 59	79	61		84		80	81	79 55	81	83	84	83	80	74	82	77	76 + 9 51 + 9
TOANIFFE	MAX	61	66		60	84		78	58	68	66	64	63	74	83		62		79	65	64 48	62	59 41	67	87 57	86		60	58	70 52	68	69.6
WPMIS	MAX	40	56	63	43	61	80	84	75	57	56	61	65	67	78	80	74	58	82	69	55 49	71	65	63	62	85 59	86 64	84	60		73	67.1
*100	MAX MIN		56	74 25	50	65		87	31 79 34	32 58 36	73	50	68	38 65 44	74		75	60	75	Ì	73 53		75 49		70	86	87		67	66	76	71.7
SERL RADIO KNON	MAX	55	71	57	67	84	85		60	70	70	67	62	74	83	76	60	81	76	70	82 ·	75	57		52 85		64 84 62	79	60	72	75	72 • 3
77	MAY	63	40	23	30	47	00	00	24	20	22	41	30	43	56	74	42	37	22	40	49	21	49	50	28	60	02	20	23	44	,	47.4
TA N GROVE 2 N	MIN MAX MIN	53	71	71 37		82	84	85						69					86		77		77				81			83		76.7
NY VERNON 3 SW	мдх	57	72	72	76	55 83	83	79	68	72	79	75	70	68	57 81	75	63	79	84	83	55 80	80	74	80	58 82	82	59 82	76	76	59 82	77	76.3
но	MAX		74	81	81	56 85	81	87	72	75	82		71	71	84		65		85	83	82			83			83		75	56 83	79	52 • 3 78 • 9
A A	MIN	60	74		74	50 85	88	87	39 66	78	82	55 74	66	69	81	75		85	88	86		76	66	53	85	87	85	80	72	55 85	75	53.0 77.4
FIENCE	мах	55	72	61	63	55 85	85	87	62	72	85	70	63	74	84	76	58	80	83	58	64	83	65	68	59 85	61	65 87	82	63		80	74.7
GON	MAX	60	68	57	63	85	90		61	71	65	63	63	73	81	71	61	86	56 76	67	56 74	72	61	70	83	85	80	67	60	59	69	70.5
	MIN	29	44	40	26	49	58	57	34	41	55	43	40	45	57	47	40	48	56	47	49	52	43	49	60	65	58	52	54	54	50	48 . 1

Table 5-Continued																		Mon	-											-		PPIL	1
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
OZARK BEACH	MAX MIN	50 22	62	79 36	73 43	87 48	87 59	97	86 43	70	77 48	83 51	69	69	74	88	80	64	88	70	88	84	84	71	86	85	89	87	87		85		71
PERRYVILLE	MAX	52	74 36	64	69 37	84	80 57	83 66	79 40	68	72 55	67 53	66	54 74 45	54 85 58	63 79 66	46 69 41	77	84	80 59	52 80 58	53 82 57	54 79 59	55 74	53 85	86	87	89	77	79	63 85		7
POPLAR BLUFF	MAX	54	70 29	67	72 41	85 50	82	84	79 48	72	73	70 61	68 49	71 50	85 56	80	78 49	75	82	80	81	B2 54	84	83	86	57 87	87	70	81	79	63		71
PORTAGEVILLE	MAX	54	70 36	70	78	83 63	82 66	83	82 47	73	73 53	66	66 48	73 51	84 58	84	71	71	82	79	55 82	84	83	5B 82	84	85	57 87	88	58 86	75	63		5
PRINCETON	MAX	57	62	54	61	82 39	89	85 47	64	70 37	70 54	66 36	64	72	81 53	77	60 36	85 31	55 84 41	59 66 45	60 68 46	54 65 54	58 60 45	59 66 47	62 85 57	68 85 42	63 83 62	77 52	62	59 75 49	72 59		5 7
ROLLA SCHOOL OF MINES	MAX MIN	45	57	74	35	78 47	86 57	87	83	60	75 45	84	45	49	59	66	B2 44	61	79	89	85 59	82	83 57	60	76 57	86	85 63	86 62	78 57	68	84		4 7 6
SAINT CHARLES	XAM N1M	59	76 37	68	63	89	86 57	89 64	69 37	70 36	87 55	78 54	67	78 45	85 59	83	65	8Ó 41	86 52	79	84 62	87	78 54	70 52	89 50	88	89 65	82	68	79 50	86		5 7 0
SAINT JOSEPH WB AP	MAX	60	68	49	65	84 51	91	73 46	60	73	65	63	64	75 42	83 57	71	63	87 38	72 56	59	77 51	67	62	72 51	85 62	87	85 56	61	60	72 54	65		5 74
SAINT LOUIS W8 AP	MAX	55	74 40	51	62	86 49	84	87	57 37	69	84	70 52	65	77	85 59	79 50	58	78 40	86 53	77 51	83 61	85	61	70 51	88	88	88 63	75 55	63	77	85 61		7 4
SAINT LOUIS WE CITY	MAX MIN	56 30	74 41	51	61	87 50	81	86 52	56 37	68	81 56	67	63 45	75 49	84	79 50	56 46	78	84	77 53	82 62	83 61	62	69	86 57	85 66	87 66	74 55	64	76 52	84		7 5
SAINT LOUIS UNIVERSITY	MAX	54	74 41	63	61 35	86 52	81	87 65	67 38	68	82 56	72 53	62 46	74 50	86	80	58 46	79	85 61	76 53	82 64	83	76 52	68 52	8 <del>6</del> 57	85	87 67	82 65	66	74 52	84 62		7 5
SAINT LOUIS WASH UNI	MAX	45	56 36	75 30	51 22	62	87 57	83 59	87 38	58 38	70	85 53	69	63	77 57	87 64	80	59	78 54	86 53	75 59	84 57	85 58	62	70	88	88	89	77	64	77	- 1	7 4
SALEM	MAX	45	55 31	73 35	61	77	86	87	85	62	73	82 50	68	64	74	83	77	58	77	87	85 43	83 59	83 56	63	75 56	85 58	86 60	85 60	82	72 52	84 57	-	7 4
SALIS8URY	MAX	57 26	73 45	60	68	84	86	77 61	62	71 38	70	69	66	74	83	77 55	62	82 39	76 52	73	80 51	76 58	58 49	75 50	85 58	85 58	85 62	79 56	61	75 45	75 61		7 4
SAVERTON L ANO 0 22	MAX M1N	56 25	67	56 27	57 33	74	85	84	61	62 38	72	63	63	75 40	84	77 57	57	80	78	69	70 52	72 58	58 52	65 52	77 57	88	82 65	74 59	63	72	80		7 4
SEOALIA	MAX MIN	57 25	73 42	71 26	62	84	87 56	85 65	65 36	73 40	80	71 51	65	72 46	85 57	76 57	60	80	84	78 50	81 52	77 61	63	75 51	84 59	85	84 62	83 59	63	80 48	80	- 1	7 4
SELIGMAN	MAX MIN	57 26	73	79 43	78 55	83		83	66	74	78 58		73 50	68	81	75 58	58	78 44	81	B1 59	79 60	•	80	80	82 60	82	81 62	77	71 56	80	73 56		7 5
SEYMOUR 4 NNE	MAX	54	69	66	78	89 51	85 51	81	66	70	87	75 50	62	68	81	75 54	65	77	82 55	89	85 56	84	74 58	82 55	84 56	83	84	80 58	77	80	73 54		7 5
SHELBINA	MAX	55 21	70 36	63	64	83	84 55	83 62	63	70 36	70	65	63 35	73 38	82 52	80 56	59	80	79 51	70	79 50	75 59	60	65	84	85 56	84	76 56	62	71	77		7 4
SIKESTON	MAX	49	59	69	60	74	83	81	82	62	72	69	68 47	65	74 53	85 62	76	59 38	71	81	80	82	84	82 59	80 57	85	88	88	88	69	75 55		7 5
SIKESTON CROP EXP FARM	MAX	52 28	67	60	73	82 54	79 58	81 62	75 43	71 35	67	67 55	65 44	72	85 54	77 66	68	69	80 51	79 55	81 56	83 52	81 57	78 59	84	B7 60	87 61	88	77 56	74 56	80 62		7
SPRINGFIELO WB AP	MAX	56 25	71	70	77	83	85 65	78 52	62	72	81	65 51	62 49	68 52	82 59	75 48	59	79 38	84	84	81 57	80 57	63 56	81 56	84 58	B4 60	84 61	73 56	72	80	68 54		7 5
STEFFENVILLE	MAX MIN	55 24	69	54 23	61 28	80 48	84	80 58	59 31	68	66 55	66	63 36	73	81 55	76 55	5B 40	80 38	76 51	67	80	70 57	58 49	67 49	86 57	85 61	85 62	67 56	64	72 43	79 60		7
SWEET SPRINGS	M A X M I N	58 21	74 43	62 25	61 33	87 49	89 56	79 61	62 36	71 37	75 56	68 48	64	73 41	84 57	75 55	61	83 33	81 46	72	82 56	76 56	60 48	73 50	86 56	87 57	86 62	79 56	62	79 47	75 59		-
TARK IO	M AX M I N	60	64	44	62 22	86 39	89 47	82 53	60 29	71 39	68 53	62 37	64 35	76 40	84 54	75 42	60	86 40	78 45	63	65 47	62 50	59 38	69 48	86 57	87 63	83 62	64 51	59 54	63 51	57 46		6
TRENTON	MAX	57 27	69 46	50 ?2	63 28	82 50	89 58	86 62	62 34	69 39	69 56	67	64 36	74 41	81 54	78 54	62	85	81 53	68	73 48	69 55	63	68 51	84 56	84	83 63	70 55	62	75 50	73 60		7
UNION 1 SE	MAX	57 17	75	69	65	89 43	86 57		67 37		87	71			86 57	80 60	Į		89 56	75 49	84 60	85 56	78 54	70 51	87 54	B6 58	87 56	81 62	68	78 50			7
UNIONVILLE	MAX	54 25	60	45 19	60 27	78 43	84 56	77 54	55 30	67 37	66 55	64 42	61 37	70 40	76 54	72 50	57 37	80 36	74 50	61	66 46	64 54	59 42	65 48	81 56	81	80 57	60 52	61	71 48	70 60		6
VANOAL I A	MAX MIN																																
VERSAILLES	MAX	56 24	72 43	61 27	64 36		87 58	79	36	73 40			63 41	71 50			59	77 45	86 53	80		77 60	60	75 51	83 62	84 66	83 64	75 60	64 55	82 48	74 63		7 5
VICHY CAA AP	XAM N1M	55 26	72 40	56 29	72 32	85 51	89 56	82 49	5 <b>8</b> 37	73 34			63 42	72 50	83 58	78 46	57 42	77 41	88 59	77 58	80 60	81 59	60	75 50	84 58	82 65	85 64	76 56	65 51	82 47			7
WAPPAPELLO OAM	XAM N1M	49		69	59 41	71 48	84 69	81 58	83 47	64			68 49	65 51	72 54	85 67	76 48	61 42	76 56	83 58	80 57	81 58	82 56	81 58	83 58	85	87 59	86 68	89 58	63 58	79 59		77 67
WARRENSBURG CENT T COL	MAX MIN	57	74	74 27	62	85 52	86 65	85 66	66 39	72 39	79	68 52	64 41	71 51	79 59	79 58	62	83 45	83 57	78 53	81 59	77 58	58 49	75 51	83 62	84 65	83 66	81 58	63 56	82 53	81 60		7 00
WARRENTON 1 N	MAX	58 22	74 41	70 27	65 31	90 50	86 56	80 60	70 36	75 35	88 57	81 52	65 40	76 44	88 57		65	80 38	87 53	75 48	85 56	85 58	73 52	68 50	87 57	88 64	86 63	84 61	65 51	78 45	75 53		7 4
WARSAW NO 1	MAX MIN	60	74	69	71	87 49	90	81 65	66 35	76 35	84	73	69	73 42	80 53	77	62	84 33	88 58	83	81 63	77 59	65 49	83 53	87 57	87 56	86 56	80 60	72 57	88 53	79 60		7
WASOLA	MAX	57	74	72	83	86	B7 64	85 62	74	74	79	75	66 50	70 52	85 57	75	64		87 53	B5 60	80 57	82 58	72 58	83 55	84 58	86 58	86 61	82 63	75 56	82 57	72 57		.7
WAYNESVILLE 2 W	XAM N1M	59	75 31	67	82 38	88	90	85 67	69	75 37	85	74 53	66 44	74 46	85 59	8 O 6 O	62	81	90	86 51	82	83 62	66 56	79 55	87 58	88 56	87 64	81 62	73 58	86 49	80 62		7 5
WERSTER GROVES	MAX	55 24	75 36	59	61	87	83 56	B7 62	63	6B 35	85	71	63	76 45	86 56	81	67	79 40	87 57	76 52	82 59	83 57	72 52	69 51	86 55	86 61	87 61	78 60	65 53	75 50	85 61	1	7 4
WEINGARTEN	MAX	56	75	70	69	В6	87 56	87 66	70 48	69	78	75	65 43	75	86 58	77	75 44	78 40	89	84 59	81	82	<b>7</b> 7	75 53	88 54	89 62	87 63	86 71	71 .52	79 51	83 66		7 5
	1																						1			Ī			1			1	

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$\nu_{B}$	ILL	151	IPLD	$\mathbf{A}\mathbf{I}$	URES

MISSOURI APRIL 1954

3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3																Day	Oí	Mon	th														age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
PLAINS	MAX	54 22	72 32	64	81	84 53	85 65	86 60	<b>68</b> 46	72 39	79 53	66 54	64 50		84 59	77 53	58 43	79 35	87 54	81 50	79 52	81 52	78 53	83 58	84 54	83 55	85 58		65 57		77 56		76 • 3 50 • 8
LOW SPRINGS	MAX MIN	54 20	72 31	65 40		85 54	86 61		75 44	72 37	80 50	67 51	67 48	71 51	84 58	75 60	60 44	79 33	87 52	82 48	80 56	80 55	74 53	81 56	84 52	83 53		84 64		80 56			76.9 50.2
OSOR 3 NW	MAX MIN	56 23	72 36	66 27		80 51	87 62	83 59	61 37	72 41	69 59	68 50	60 39		65 58	65 56	59 42	80 37	72 57	70 49	79 56	80 58	58 48	76 51	75 51	75 59	81 64	78 57		81 52			71.3 48.9

## EVAPORATION AND WIND

																	1	Day o	f mor	ath														
	Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	зо	31	Total or Avg.
UMB IA i	w8 AP	EVAP WIND MAX MIN	.14 54 57 30	94 69	137 65	.12 103 .57 31	45 78	62 88	109	65	97 71	50 77	74	52 71	54 75	53 78	87 74	63	91	42 81	85 72	62 81	61 76	73 63	58 74	75 88	32 89	55 86	76 .81		.15 75 81 47	70 79		5.66 2256 74.5 50.2
ESIDE		EVAP	.10 51	.16 52	.21 81	.20	.09	.18 74	.28 77	.26 121	.17 47	.29 113	.28 74	. 26 64		.18	.12	.17 117	·21 95	·31 73	.35 61	. 25 59	.28	.07 62	.01 42			.26			·14			6.13
OUIS	MASHINGTON UNIV	EVAP. WIND		30	.12 73	-14 56	.19	.22 54	.17	.34	.18 50	.19 37	.21 59	. 25 64	.15	27	.18	.18 74	·19			18				.08						.10		5.5

NO MIN IN TABLE 6 REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

## DAILY SOIL TEMPERATURES

																Day	of m	onth															age
0EPTH	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
													CONC	EPTI	ON					4								<b>-</b>	,	-			
NCH	6РМ	44	52	43	50	59	68	58	55	54	60	56	56	61	65	57	54	61	60	53	58	59	59	58	70	72	62	60	58	64	62		58.
NCHE5	6РМ	41	48	42	45	53	64	58	53	52	59	56	53	57	61	58	53	58	58	53	55	58	58	57	65	68	63	60	58	62	61		56.
NCHES	6РМ	40	43	41	42	47	56	56	51	50	55	53	52	53	56	58	53	54	55	53	54	55	55	55	60	62	63	59	58	58	59		53.
NCHE'S	6Рм	41	42	42	42	44	51	53	51	51	52	52	52	52	53	56	53	53	54	54	53	54	54	55	56	58	60	59	58	58	58		52.
NCHES	6PM	43	43	44	44	44	47	48	49	49	50	50	51	51	52	52	53	52	52	54	54	54	54	54	55	55	51	55	57	56	58		51.
NCHES	6РМ	46	46	46	46	45	47	47	47	48	48	48	49	49	50	50	50	50	50	51	51	51	52	52	52	52	52	53	53	53	54		49.
NCHES	6PM	47	47	47	47	47	4.7	47	47	47	47	48	48	48	48	48	48	48	49	49	49	50	50	50	50	50	50	50	51	51	51		48.
NCH	6PM	49	53	54	65	68	68	69	58	65	SIKE:	STON 60	ÇR0	,	72	RM 66	56	61	66	66	69	71	70	75	77	76	77	78	65	70	68		66.
NCHES	6РМ	52	56	57	64	67	68	69	62	66	62	61	61	66	71	66	58	63	67	67	70	72	71	75	77	77	76	78	66		73	İ	67.
NCHES	6Рм	52	54	55	60	63	65	66	62	63	60	60	60	63	67	65	59	62	64	68	68	69	69	72	73	74	74	75	67	69	71		65.
NCHES	6РМ	48	50	51	53	57	59	61	59	58	58	58	57	59	61	62	59		60	65	63	63	65	66	67	69	69	69	66	65	68		60.
VCHES	6РМ	49	49	49	50	57	54	55	56	55	56	56	56	56	57	58	58		57	58	59	59	60	61	62	63	63	64	64		63	- 1	57.
KHES	6РМ	50	50	50	50	50	51	51	52	52	53	53	53	53	54	54	54	55	55	55	55	56	56	56	57	57	58	58	58		59		54.
NCHES	6PM	49	49	49	49	50	50	50	50	50	50	51	51	51	52	52	52	52	52	53		53	53	53		- '	- "	- 0		-			- 4.

# STATION INDEX

			Т				Obser										Obe			APEI	TF 6.
Station .	Index No.	County	Drainage	Latitude	Longitude	Elevation	Preciping Autonomous A	Observer	Refer to table		Station	Index No.	County	Dramage: Latitude	Longitude	Elevation	Temp dia		server	Rei tabl	0
Advance 3 ESE Albany Alton Amity Amsterdam	0031 0127 0143	Stoddard Gentry Dregon DeKalh Bates	1	37 0B 40 15 38 42 39 52 38 21	91 24	355 872 860 1820	6P 6F	Nallo Moroni William J. Butlar Edna E. Half D. M. Colhour R. A. Karshanr	2 3 3 2 3 3 3 2 3 5	C C C C	Koshkonong La Melle Lakasidn Lamar Lampe Forast Survica	4637 4684 4705	Dregon Lewis Millwr Harton Stona	1 36 35 6 40 07 9 38 12 8 37 30 12 35 34	91 53 92 37 94 16	938 - 395 96D	7A	7A Genevice 8A Jasea M. 7A W S. Fr 7A M. Aull 7A Orley F.	Pimbbark rama Van Hofftwa	2 3 8 3 2 3 8 2 3 5 3	6 7 9
Andarson 1 SW Annapolls 7 SW Appleton Clty Arcadia Ashton 1 W	0179 0204 0224	McDonald from Bt. Clair lrom Clark	10	38 38 37 20 38 12 37 35 40 27	84 02 80 37	1000 - 800 926 -	6P 6F 5P 7/	Ruth C. Rawkins Dpal G. Ruttur F. Paul Eyn Arcadla Collega Glum A. Woodruff	2 3 5 3 2 3 5 2 3 5	7 C	Lampe 4 NME Lathrop 3 SW Lehanon 1 EME Lees Bummlt 1 W Luxington	4773 4823 4846	Stone Clinton Laclade Jackson Lafayette	12 36 38 4 39 31 9 37 41 7 38 36 7 39 11	94 23	1D80 1240	6P 6P 7A	610 Mrs. A. 6P Cacil F 7A Brodia   610 Benjamia 7A William	D Rogers Hays D. Barnstt D. F Smith W. Cullon	2 3 5 2 3 5 2 3 5	7
Auxvasse Ava Ranger Statlon Bedford 1 5 Belleview Bcrnie	0365 0503 0539	Callaway Douglas Llvingston Iron Stoddard	12	39 00 36 57 39 41 37 41 38 40	93 23 80 41	- - 1060 300	8/ MIE	C. H. Hook U.S. Forest Service Rarry B. Stephens Heulnh M. Alexandur Harold R. Summers	3 3 3	CCC	Licking 4 W Linneum 2 B Livonia Lockwood Louisiana Starks Nur.	4978 5014 5027	Texas Linn Putnam Oade Pikn	3 37 33 4 39 50 2 40 29 8 37 23 6 39 28	93 12 92 42 93 37	1078	6D	7A Robert I 3P Merln Wa slD Mrs. Ice	Damson ade	2 3 5 3 5 2 3 5	7
Bethany Blrch Trne Black 6 Nw Bloomfield Bolivar	0668 0695 0733	Barrison Shannon Iron Stoddard Polk	10	40 16 36 59 37 37 3B 53 37 37	90 58 89 56	91B 1000 1000 440 1071	5P 7A 7P 7F	Carl W. Slaughter Mildred E. Catlett Dtto Goggin Georgn E. Long SW Baptlet Collega	2 3 3 2 3 3 2 3 3 3 3 2 3 5	7 7 7 C	Louisiana Lucernn Macndonia Lookout Macon Madlson	5121 5164 5175	Pike Putnaa Riplay Macon	6 39 27 4 40 27 1 3B 45 2 38 45 6 39 28	93 18 90 54 92 28	875	7A	7A George A 9A D. A. B: 6P Roy C. 1 7A John W. 8A Enos Woo	rowning Wobinwit Atwell	3 3 3 2 3 3	7 7
Boonvills Water Works Bowling Green Bradleyville Brockfield Brunswick	0856 0878 0880	Cooper Pike Taney Linn Chariton	12	38 58 39 21 36 47 39 47 38 28	93 03	650 - 787 652	5P 5F	Boonviile Water Dep Virgli Cook Blmer A. Huhbard G. F. Brean O. K. Beneckn	2 3 3 3 3 2 3 5 2 3 5		Malden CAA AP Malden 3 N Mansfleid Marhle Hill Marshall	5207 5227 5253	Dunklin Dunklin Wright Bollinger Saime	10 36 36 10 38 36 12 37 06 6 37 18 7 39 07	89 58 92 35	440	6P	7A Henry D 7A Willia B	. 6rown	3 2 3 3	7
Buffalo Bunkur Burlington Junction Butler Butler CAA AP	1101 1141 1145	Dallas Rnymolds Nodaway Batee Bates	9	37 38 37 27 40 28 38 16 38 18	95 04 94 20	- - 848 870	5P 5F	L. R. Howerton C. D. Bighley Ralph B. Fuller Rarlay W. Johnson U.S. Civil Aero Adm	3 3 3 2 3 5 2 3 5	7	Marshfinld Marthsburg Maryville Maryville 7 NHW McCredie 2 W	5307 5319 5340 5345	Wehster Audrain Nodaway Wodamay Callaway	12 37 2D 7 39 06 7 4D 21 7 4D 25 7 36 58	92 34 91 39 94 52 84 53	1168 1143	5P 6P	5P 6ho-Me 1 7A Fr. H. 1 6P R. B. M MID Earl W. MID Lelia 5	Freese ontgomery Trueblood	2 3 5 3 2 3 5	
Camdunton Canton Lock & Dam 20 Cap Au Grie Lock & Dam Cape Girardoau Mo Stats Capu Girardoau	1275 1283 1291	Camden Lewie Lincoln C Girardsau C Glrardsau	6 8 6	38 02 40 08 39 00 37 18 37 18	91 31 90 42 89 32	940 488 - 347	7P 7A MID 5P 5P	Mo. Conserv. Comm. Lockmaster U. S. Engineers Teachers College Les L. Alburt	2 3 5 2 3 5 2 3 5 3	7 C	McCredie Exp. 8tation Memphis Mercer 8 NW Mexico Middletown 5 HE	54 92 5519 5541	Callaway Scotland Mercer Audrain Pike	7 38 57 6 40 27 4 40 33 6 39 10 6 38 10	92 10 93 38 91 53	800	7A	MID U.5. 60 7A John W. 7A Oscar L 7A D. M. W. 7A Eloise	Alexander . Hartley	2 3 5 3 2 3 5 3	7
Capiinger Mille Carroliton Carthage Caruthersville Caesville Ranger Sta,	1340 1356 1364	Cndar Carroll Jaspar Pemiscot Harry	11	37 48 39 22 37 11 36 11 38 41	93 49 83 30 94 17 89 39 93 52	754 962 270	6P 6P 6P 7A 5P 7A	S. E. Pricn Rarold E. Finley Phll H. Davis Vlctor T. Malloure Florence A. Karow	2 3 5 2 3 5 2 3 5 2 3 5 2 3 5	7 C	Milan Miller 2 SE Moherly Radio KNCM Monett Monroe City	5594 5671 5700	Sullivan Lawrance Randolph Barry Monros	4 4D 12 10 37 11 6 39 24 8 36 55 6 38 39	93 48 92 26 93 55	1310	6P 8A	7A Charles MIO #1111am 6P Radio S 8A Kenneth 85 J. S. Co	A. Garoutte ta. KNCM G. Meuser	3 2 3 5 2 3 5 3	
Centerville Centerville Rangar Sta. Contralia Chadwick Charleeton	1472 1482 1490	Reynolds Raynolds Hoone Chrletian Misclssippi	1 6 12	37 28 37 26 39 12 36 56 36 56	90 57 90 57 92 08 93 03 89 21		7 A	Corda Jans Barrison U.S. Forest Service Earl W. Snymour Sylvia Fletcher Charleston Fire Dep	3 3 3 3 2 3 5	7	Mora Morehouse Mosalle Mountain Grove 2 N Mount Vernon 3 8W	5762 5816 5834	Benton Wew Madrid Franklin Wright Lawranca	7 38 32 6 36 51 5 38 23 3 37 09 8 37 04	39 42 90 54 92 16	497 1463	5p.	MID Emma M. 4P J. A. 5 8A Ermest 8A Mo Prul 6P Wm. E.	pance J. Foeter t Exp Bta	3 3 2 3 5 2 3 5	7
Chilllcothe 2 S Chilllcothe Radio KCBl Clarksville Lock & Dam Clearwater Dam Clifton City	1585 1640 1674	Livingston Livingston Pike Wayne Cooper	6	39 45 39 46 39 22 37 07 38 45	90 55 90 47	771 - 648 -	SS SS	R. O. Dupy Radio Station KCH1 U. S. Engineers U. S. Engineers F. 8. Heedy	3 2 3 5 2 3 5 3	7 C C	Weosho Wevada New Boeton Waw Florence New Madrid	5987 5999 6D07	Wewton Verson Linn Montgomery New Madrid	8 36 52 9 37 50 4 39 57 7 38 55 6 36 35	92 51 91 27	862	5P 6P	5P U.S. F1 7A Henry E 7A Gerald 6P Barbert 6A Wess Be	cheries Sta. raft E. Rill H. Davault polay	2 3 5 2 3 5 3 2 3 5 3	7
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Hannibal Water Works Harris Sarrisonville Hazlegrach 2 W Benrietta	3841 3849 3713	Marion Suilivan Came Laclede Ray	4 8	38 41 40 18 38 39 37 46 38 14	93 21 84 20	712 - 804 - 893	8P 7/	Roger C. Higgins John E. Willer J. H. Patterson Melvin R. Gallion Willam R. Rarrison	2 3 5	7 C C	Shulhina Shelhyvllie Slkeston Slkeston Crop Exp Fm Siloam Springs	7728 7770 7772 7780	Shelby Shulby Scott New Madrid Howell	6 39 41 6 39 48 6 36 53 6 36 51 12 36 48	92 04	- 1	7A 5P	8A Orville SP Emmett   7A Lucy W. SP Carl D. 7A Bese M.	L. Goe Rumphreys Luper Hyere	2 3 5 3 2 3 5 2 3 5 8 8	7
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## STATION INDEX

M1330UR1

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Station	o County	Drainage;	Latitude	Longitude	Elevation	Temp. rit	ion	Refer to tables	Station	Index No.	County	Drainage 1	Latitude	Longitude	Elevation	vat	Preciping dispersion	Observsr	Rsfsr to tables
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#### REFERENCE NOTES

e four state.

gures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

servation times given in the Station Index are in local standard time.

ayed data and corrections will be carried only in the June and December issues of this hulletin.

thly and seasonal snowfall and heating degree days for the preceding 12 months will he carried in the June issue of this hulletin.

ation names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

less otherwise indicated, dimensional units used in this hulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles gree days are hased on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown hoteote following Tahle 6.

et and hail were included in snowfall averages in Table 1, heginning with July 1948.

unta in Table 3 are from non-recording gages, unless otherwise indicated.

a la Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

or on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR DIV" In Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or re. Vater equivalent samples ars necessarily taken from different points for successive observations; consequently occasional drifting and other causes of al variability in the snowpack result in apparent inconsistencies in the record.

- Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.

  No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

  And also on a later date or dates.

  Amount included in following measurement, time distribution unknown.

  Gage is equipped with a windshield.

  Adjusted to a full month.

  Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

  E water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

  One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

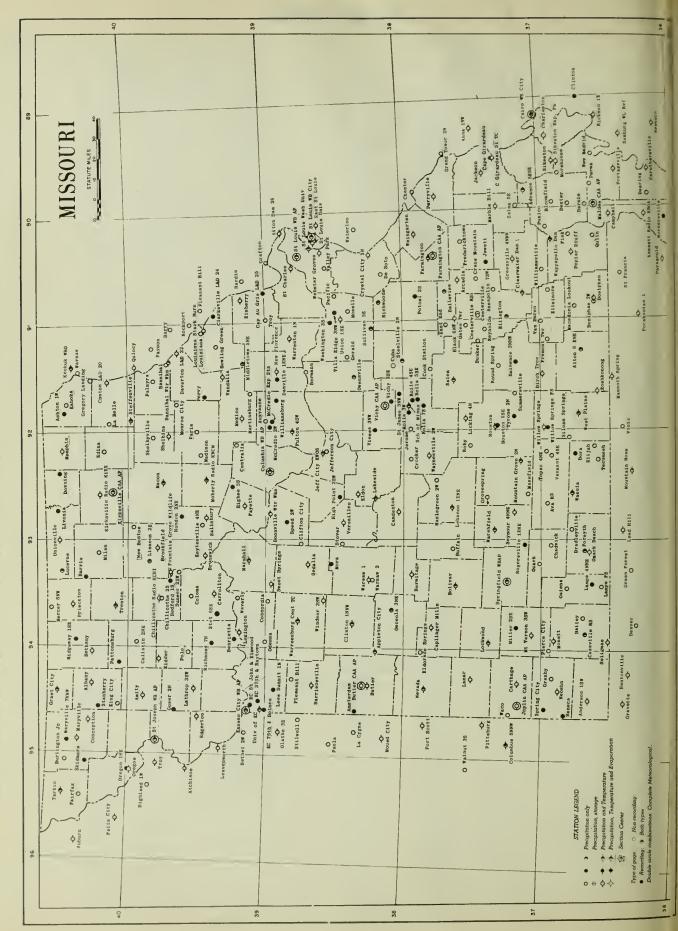
  Amounts from recording gage (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

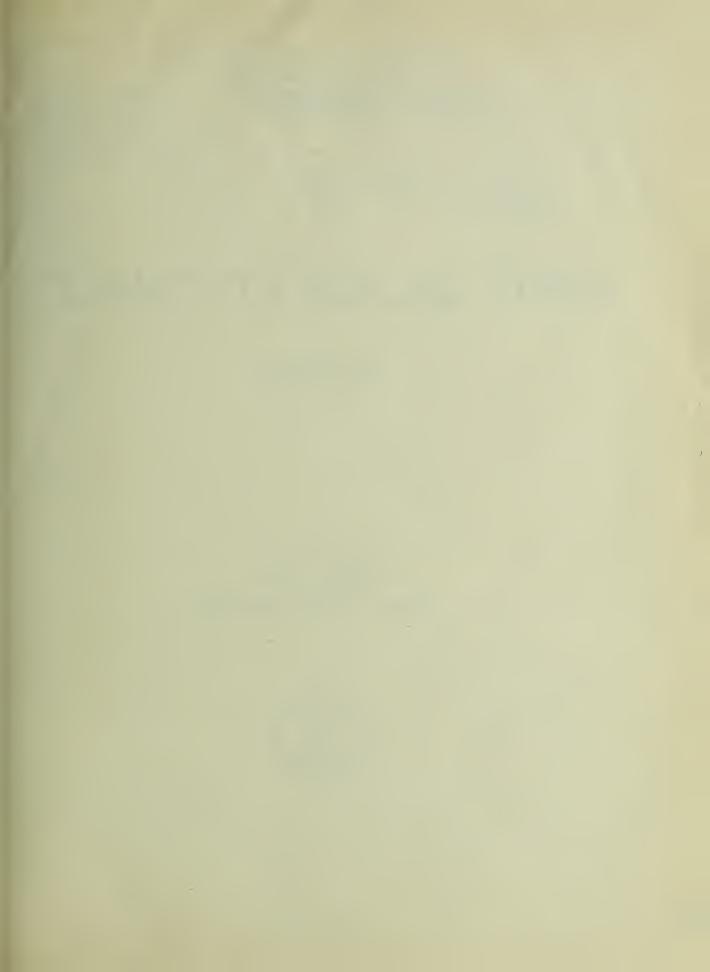
  Trace, an amount too small to measure.

  Includes total for previous month.

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U. S. DEPARTMENT OF COMMERCE SINCLAIR WEEKS, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

**MISSOURI** 

MAY 1954 Volume LVIII No. 5



THE LIBRARY OF THE

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UNIVERSITY OF ILLINOIS

#### MISSOURI - MAY 1954

C. E. Lamoureux, Section Director - Des Moines

#### WEATHER SUMMARY

May 1954 in Missouri was cool with slightly below normal precipitation. The average temperature for the State was 60.8°, which was 3.8° below the normal. It was the coolest May since 1945 and 8th coolest for the period of state-wide records which began in 1888. More remarkable, for the first time in the recorded climatological history of the State, the month of May was cooler than the preceding month of April when the state average was 62.0. The highest temperature reported in the State was 94° at St. Charles on the 31st. The lowest temperature reported was 24° at Hermitage on the 4th.

The average precipitation for the State was 4.37 inches, which was 0.41 inch below the normal for May Precipitation amounts varied widely across the State, from a maximum of 7.48 inches at Milan to a minimum of 1.36 inches at Gregory Landing. In general the heavier precipitation amounts occurred over north-central and central sections, the southwest, and the interior of the southeast. The smaller amounts of precipitation occurred over the northeast and east-central portions of the State and over a restricted area in the south-central counties. Springfield in the southwest reported 6.12 inches, breaking the drought which had persisted in that area for 29 months. It was the wettest month in Springfield since August 1952.

High pressure dominated the weather over Missouri the greater part of the month, with only brief interruptions when low pressure troughs crossed the State or became temporarily stagnant across the State. The most persistent period of high pressure and cool weather was from the 3rd through the 13th of the month. Early in this period temperatures were 10 to 20° below the normal, and light to moderate frosts were reported rather generally on the morning of the 4th. There was considerable damage to tender vegetable plants and to fruits in exposed localities. A trough of low pressure which crossed the State in the middle of the month left light amounts of precipitation, only to be followed by a re-establishment of the dominating high pressure pattern. However, this pattern was interrupted more frequently in the latter half of the month. The most important interruption was the low pressure trough which became quasi-stationary along the southern border of the State on the 25th and 26th, attended by heavy rains in southern localities. As the month closed there was a return to warmer weather, with 90° or higher reported from many stations. There was a minor overflow on the St. Francis river in southeastern Missouri on the 5th and 6th of the month.

The weather during the month was mostly favorable for agriculture in the State. At the close of the month over 90 per cent of the acreage intended for corn had been planted, which was well ahead of 1953 and other recent years. Similarly 65 per cent of the intended acreage for soybeans had been planted, as compared to 45 per cent in the preceding year. The oat crop was over 50 per cent headed, which was well ahead of all years of record. Wheat also was well ahead of all recent years, with 85 per cent of the crop headed, and beginning to ripen in the southern part of the State. On the less favorable side, it had been necessary to replant most of the cotton, but this crop was again up to a good stand at the close of the month. Pastures and the hay crop were only in fair condition, not having fully recovered from the severe effects of the drought. In terms of percentages, pastures were estimated at 80 per cent of normal in contrast to a ten-year average of 89 per cent while all hay was estimated at 78 per cent of normal compared to an average of 86 per cent.

## SEVERE STORMS

There were numerous windstorms during the month of May, the most severe of which was the tornado which struck the Lake of the Ozarks area on the 28th. This tornado struck the Forthview resort area, about 20 miles east of Warsaw. It destroyed or severely damaged 51 homes, 16 docks, several boats and other facilites. Damages were estimated at \$150,000. The tornado cloud was observed about 1:15 p.m. Later the same afternoon a severe windsquall overturned an excursion boat with 13 persons aboard about 3 miles west of Bagnell Dam; of the passengers, six lost their lives.

A small tornado damaged farm property five miles northeast of Gideon in southwestern New Madrid county about 2:00 a.m. of the 2nd. Half an hour later the funnel cloud was seen illuminated by the town of Sikeston. At Lamar at about 7:00 p.m. on the evening before, a hailstorm caused extensive damage to roofs and to greenhouse glass. On the 18th of the month a windstorm caused extensive minor damage to 5 houses, 8 barns, other farm buildings, trees and orchards in southern DeKalb county. The storm moved in a northeasterly direction from the vicinity of Stewartsville to 5 miles north of Osborn.

On the last day of the month two tornadoes were reported in Missouri. The first occurred in Atchison and Nodaway counties between 2:45 and 3:15 p.m. moving for a distance of 20 miles from a point four miles south of Tarkio to a short distance northwest of Burlington Junction. Damage was reported on 8 farms, while heavy rains and hail occurred in southeastern Nodaway county. The 2nd tornado of the 31st occurred about 4:20 p.m. in the Drywood Creek section of Vernon county. This storm moved for a short distance northeastward from the intersection of Drywood Creek and Highway 54. Barns and other buildings were destroyed or severly damaged and trees were uprooted in the vicinity of the storm path.--CEL

## SUPPLEMENTAL DATA

MISSOURI MAY 1954

	Wind o	direction		Wind m.	speed p. h.		Relati	ve humi		rages -		Numl	per of d	ays with	precip	itation			inset
Station	Prevailing	Percent of time from preveiling	Average	Pasteet mile	Direction of fastest mile	Date of fastest mile	12,30A CST	6130A CST	12, 30P CST	6130P CST	Trace	.01–.09	.10–.49	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
LUMBIA +8 AIRPORT	NW	10	9.3	34	NW	3	73	79	47	50	6	3	5	0	3	0	17	75	5.8
NSAS CITY WB AIRPORT	WNW	11	9.3	56	NW	18	69	77	46	47	3	3	5	3	0	0	14	57	5.9
JOSEPH W8 AIRPORT	-	-	9.7	40	NW	2	-	78	46	49	3	2	3	4	1	0	13	67	5.7
LOUIS WB CITY	NW †	17 †	11.1	44	SW	31	70 🕇	76 🕇	45 †	49 †	5	7	5	1	0	0	18	63	5.6
RINGFIELD WE AIRPORT	SSE	18	11.2	47	SW	31	60	64	52	59	4	1	` 3	3	3	0	14	68	6.4

†--airport data

COMPARATIVE DATA

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13 14 35 16	61.6 63.7 64.8 70.1 82.4	94 96 103 98 93	30 29 28 37 28	6.14 4.31 3.95 9.17 2.60	0 0 0 0		1918 1919 1920 1921 1922	68.3 62.0 83.8 68.4 87.2	100 93 97 102 97	28 35 32 26 36	5.50 5.74 5.01 3.68 3.07	0 0 0 0		1943 1944 1945 1946 1947	63.9 66.4 80.5 81.4 62.3	95 99 92 87 92	33 27 31 30 29	9,91 4,44 5,50 6,88 4,38	0 0 0 0	
98 99 90 90 91 92	65.2 66.9 68.3 63.8 69.4	97 96 97 98 98	31 34 29 30 39	7.88 8.07 3.63 1.47 4.62	0 0 0 0		1923 1924 1925 1928 1927	62.7 <u>58.6</u> 61.2 87.0 84.8	97 96 96 100 94	25 31 24 29 34	4.68 4.71 2.10 2.76 6.95	T 0 0		1948 1949 1950 1951 1952	63.9 67.6 65.6 65.4 65.1	92 95 93 94 96	33 34 28 30 29	3.50 4.59 5.53 3.34 3.03	O T T T	
13 14 15 16 17	65.1 63.1 64.9 66.3 59.5	92 95 94 98 91	23 32 34 27 17	7.05 4.74 5.33 2.45 5.61	0 0 0 0 0.8		1926 1929 1930 1931 1932	65.8 61.7 64.7 61.0 66.1	95 95 95 98 98	29 28 33 29 31	2.67 7.78 3.33 4.50 1.80	0.3 0 0 0		1953 1954	65.5 60.6	100 94	32 24	2,97 4.37	T	
18 19 0 1 2	66.1 63.3 60.1 68:6 67.6	96 96 94 101 97	24 25 32 27 30	8.91 5.55 8.36 1.46 3.60	0 T 0 0		1933 1934 1935 1936 1937	85.9 69.0 80.3 68.8 66.2	96 110 92 95 96	35 31 32 32 32 34	7.75 1.93 8.48 2.52 3.88	0 0 0								

rages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

TABLE 2				(	CLIM	AT(	OLOG	ICAL	DATA	I					MISS	
India a			Ten	perature			·			P	recipi	tation			MAY.	5
			lai			85	No. of Day	/8	la l	h'a		Snow,	Sleet, F	lail	No. of	De
Station	Average Maximum Average	Minimum Average	Departure From Normal	Highest Date	Lowest	Degree Days	Max. M	Total	Departure From Normal	Greatest Da	Date	Total	Max Depth on Ground	Date	.Bo or More © .So or More	100
NORTHERN DIVISION  ALBANY AMITY BETHANY BROOKFIELD BRUNSWICK CANTON L AND D 20 CARROLLTON CHILLICOTHE RADIO KCHI COLUMBIA WB AP CONCEPTION EDGERTON ELSBERRY FAYETTE FOUNTAIN GROVE WILDLIFE FULTON 4 SW GRANT CITY HANNIBAL WATERWORKS KANSAS CITY WB AP KIODER KIRKSVILLE RADIO KIRX KIRKSVILLE RADIO KIRX KIRKSVILLE CAA AP R LATHROP 3 SW LOUISIANA STARKS NUR MACON MARYVILLE MEMPHIS MEXICO MOBERLY RADIO KNCM NEW FLORENCE	72.6 48 72.0 49 68.8M 47 72.4 47 71.5 46 71.3 48 70.5 46 72.0 48 67.0 48 71.7 46 69.6 47 73.6 45 69.6 47 73.6 45 69.3 45 69.3 45 69.3 45 69.3 45 69.3 47 69.3 48 69.3 45	3 59.2 4 57.5h 3 60.5 60.6 60.5 60.6 57.5h 4 59.9 4 59.9 60.5 59.5 59.1 2 58.4 1 58.8 8 61.8 9 61.8 61.8 61.8 61.8 61.8 61.8 61.8 61.8	- 3.6 - 4.7 - 4.0 - 3.7 - 3.4 - 4.0 - 5.2 - 4.3 - 4.5 - 3.6 - 4.8 - 3.7	85 22 85 23 85 23 85 15+ 85 23 85 15+ 85 23 87 23 87 23 87 23 87 23 86 27 86 23 86 23 86 27 86 22 88 27+ 85 28 84 22 85 28 85 28 86 27 86 22	30 4 31 4 32 4 33 4 32 4 33 4 32 4 33 4 32 4 33 4 32 4 33 4 32 4 32 4 32 4 32 4 32 4 32 4 32 4 32 4 31 3 30 4 30 4 30 4 30 30 4 30 30 4 30 30 4 30 30 30 4 30 30 30 30 30 30 30 30 30 30 30 30 30	232 209 253 172 177 236 189 224 217 199 212 220 214 153 269 237 207 233	0 0 1 0 0 2 0 0 1 1 0 0 1 1 0 0 1 1 0 0 1 1 0 0 2 0 0 1 0 0 0 1 0 0 0 0	0 2.88 0 5.02 0 5.22 0 4.22 0 2.90 0 2.60 0 6.05 0 3.94 0 2.66 0 4.07 0 2.76 0 3.57 0 3.89 0 1.83 0 3.54 0 4.67 0 2.61	- 1.06 0.04 0.16 - 3.81 0.94 0.38 0.16 - 1.30 - 0.72 1.73 - 1.92 - 0.16 - 1.59 - 0.84 - 2.87 - 1.05 0.02 - 1.40 - 0.98 - 0.	1.17 1.00 0.99 2.63 1.17 0.51 1.29 1.72 1.59 1.20 0.68 2.31 1.25 1.07 0.76 0.68 1.58 1.07 0.74 0.94	22 31 2 2 2 31 27 31 28 1 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	000000000000000000000000000000000000000		8 4 2 2 1 0 3 3 1 1 0 3 3 5 1 2 4 2 3 8 8 3 3 9 9 1 2 8 4 4 8 7 2 1 0 3 6 6 4 4 8 3	
NEW FLORENCE OREGON PRINCETON SAINT CHARLES SAINT JOSEPH W8 AP RALISBURY SAVERTON L AND D 22 SHELBINA STEFFENVILLE TARKIO TRENTON UNIONVILLE VANDALIA WARRENTON 1 N DIVISION SOUTHWESTERN DIVISION	69%0 48 70.3 43 75.8 50 70.1 48 71.8 48 70.7 50 71.1 45 70.9 47 70.0 45	.1 58.6 57.0 63.1 9 59.5 66 0.2 60.8 9 58.5 3 59.1 1 57.6 60.1N 56.6	- 4.6 0.0 - 5.0 - 2.6 - 4.7 - 5.0 - 3.4 - 5.5 - 3.2	90 31 84 15+ 86 23 94 31 85 22+ 86 27 88 27 85 27 85 27 86 15 80 23 92 31	30 4 29 4 30 4 32 4 32 4 35 4 31 4 32 4 33 4 28 4 33 4 29 4	185 227 269 141 204 177 174 226 207 258 176 268	1 0 1 0 0 0 5 1 0 0 0 5 1 0 0 1 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 2 1 0 1	0 3.45 0 3.44 0 2.27 0 5.04 0 5.20 0 1.53 0 2.77	- 1.08 - 2.01 0.97 - 3.88 - 1.55 - 1.35 0.97 - 0.96 - 1.27 - 1.76	0.99 0.84 0.66 1.00 1.94 0.41 0.62 0.81 2.34 0.80 0.75	31 2 16 22 2 2 2 17 31 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 T	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		8 6 7 3 1 2 2 8 4 4 7 2 2 2 8 7 2 2 2 8 8 3 3 3 1 1 0 3 3 1 1 0 3 3 7 1	
ANDERSON 1 SW APPLETON CITY SOLIVAR BOLIVAR BOONVILLE WATER WORKS BUTLER CAA AP CAMDENTON CAPLINGER MILLS CARTHAGE CLINTON 1 NNW ELDON MARRISONVILLE HERMITAGE JEFF CITY RADIO KWOS JOPLIN CAA AP KANSAS CITY UNI OF K C LAKESIDE LAMAR LEBANON 1 ENE LEXINGTON LEXINGTON MARSHALL MARSHELELO MONETT MOUNTAIN GROVE 2 N	74.5 46 73.6 49 73.1 50 69.3 49 72.6M 50 70.7M 48 73.8 46 73.7 73.5 49 74.5 42 72.6 47 72.9 51 71.9 49 73.3 51 72.3M 48 71.7 49 73.3 51 72.3M 49 73.4 49	.9 61.8 .2 61.7 .0 61.7 .1 59.2 .1 59.4 .1 60.0 .5 61.5 .2 61.2 .8 58.7 .4 60.0 .6 62.3 .5 60.7 .6 62.5 .6 62.5 .6 62.3 .6 60.7 .6 62.3 .6 60.7 .6 62.3 .6 60.7 .6 62.3 .6 60.7 .6 62.3 .6 60.7 .6 62.3 .6 60.7 .6 62.3	- 4.7 - 4.0 - 4.3 - 6.6 - 3.1 - 4.5 - 3.7 - 2.3	87 22 88 23 85 22+ 87 22 86 22 89 31 87 22 88 22 87 31 86 23+ 89 31 90 22 85 22+ 86 24+ 89 22 88 33 87 24 89 31	28 4 31 4 32 4 33 3 4 32 4 26 4 30 4 30 4 30 4 30 4 31 4 31 4 31 4 31 4 31 4 31 4 31 4 32 4	153 198 188 169 160 215 190 148 176	0 0 3 3 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0 0 0 0 1 0	0 4.71 0 5.42 0 4.68 0 5.29 0 4.64 0 5.08 0 3.51 0 4.76 0 6.11 0 4.59 0 3.04 0 5.12 0 5.62 0 3.58 0 4.24 0 5.36 0 5.56 0 3.65 0 5.56	- 0.67 0.68 - 0.11 0.29 0.71 0.26 - 0.97 - 0.03 0.12 0.35 - 1.11 0.80 0.46	1.55 1.63 1.85 2.06 1.78 1.25 2.06 1.78 1.58 1.27 1.40 1.44 1.48 1.87 1.71 1.88 1.88 1.88 1.88 1.98 1.98	28 2 2 25 2 29 2 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	000000000000000000000000000000000000000		6 8 6 3 3 3 3 4 4 8 7 6 8 8 7 7 7 7 6 8 7 7 7 6 3 3 4 2 5 5 5 4 2 5 5 5 5	
MOUNT VERNON 3 SW NEOSHO NEVADA OZARK BEACH SEDALIA SELIGMAN SEYMOUR 4 NNE SPRINGFIELO WB AP SWEET SPRINGS VERSAILLES WARRENSBURG CENT T COL WARSAW NO 1 WASOLA WAYNESVILLE 2 W WINOSOR 3 NW DIVISION	73.4 48 74.7 48 74.7 52 77.0 49 73.3 49 71.9M 50 72.7 46 71.5 49 73.1 46	.9 61.2 .3 61.5 .0 63.4 .3 63.2 .2 61.3 .8M 61.4M .4M 59.6M .2 60.4 .7 59.9 .0 58.7 .7 62.2 .3 61.3 .9 63.3 .1 60.6	- 4.6 - 4.5 - 1.1 - 4.0 - 3.1 - 4.1 - 3.2	87 22 87 22 91 25 89 25 88 23 84 22+ 85 30+ 85 30+ 86 31 89 23 89 23 87 24 88 31 89 23	29 4 29 4 31 4 31 4 31 4 32 4 32 4 30 4 32 4 30 4 32 4 32 4 32 4 32 4	171 165 117 165 166 202 183 196 212 139 161 129 184 202	0 0 1 0 0 0 1 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1	0 4.55 0 4.04 0 4.48 0 5.02 0 5.60 0 5.21 0 6.12 0 6.12 0 5.86 0 5.97 0 5.91 0 2.00 0 3.23 0 5.85	- 0.96 - 1.52 - 0.45 - 0.20 1.06 - 0.23 0.29 1.10	1.72 1.39 1.25 1.89 1.42 1.76 2.42 1.32 1.81	2 2 2 2 1 1 2 25 2 1 26 2	T 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	000000000000000000000000000000000000000		6 3 3 3 4 4 5 6 8 4 4 9 9 4 4 5 1 6 8 6	
SOUTHEASTERN OIVISION  ADVANCE 5 ESE ARCAOIA BIRCH TREE BLACK 6 NW	75.7M 52 74.2 48 72.9 47 74.2 46	.9 60.4	- 1.9 - 2.9 - 4.6 - 3.5	90 31 86 31 85 24+ 86 31	31 4 28 4 28 4	113 168 193 184	1 0 0 0 1 0 0 1 0 0 4	0 3.61 0 5.07 0 7.06 0 3.10	- 0.66 0.83 2.71 - 1.41	0.99 2.60 3.55 1.13	29 2 1 2	0.0	0 0 0		8 2 8 1 6 4 8 1	

				Ten	pera	ture									P	recip	itation				
				al					si.	Ňo.	of l	Days		ig.	ry.		Snow,	Sleet, l	Hail	No.	of Days
Station	Аverage Махітит	Average	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Above Max	-	Min.	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or More <sup>©</sup>	.50 or More or More
E GIRARDEAU MO ST UTHERSVILLE RLESTON ARBATER DAM STAL CITY 1 N IPMAN MINGTON CAA AP ENVILLE 4 NNW STON ASON METT RADIO KBOA MKONOMS KING 4 N DEN CAA AP R BLE HILL RYVILLE LAR BLUFF TAGEVILLE LA SCHOOL OF MINES NT LOUIS WB AP NT LOUIS WB CITY NT LOUIS WB CITY NT LOUIS WB CITY NT LOUIS WB CITY NT LOUIS WB SP NT LOUIS WB CITY NT LOUIS WB SP NT LOUIS WB CITY NT LOUIS WB SP NT LOUIS WB CITY NT LOUI	74.1 75.5 76.1 76.6 1 76.6 74.9 76.4 73.1 70.8 75.9 75.2 76.5 77.8 74.8 72.2 75.2 75.2 75.2 75.2 75.2 75.2 75.2	49.5 54.5 54.5 46.0 49.5 47.4 45.9 48.5 49.8 53.3 53.5 48.9 48.8 53.3 53.5 53.5 54.7 50.5 52.5 52.5 49.8 47.4 45.9 48.9 48.9 48.9 48.9 48.9 48.9 48.9 48	61.8 65.0 2 M 62.0 6 63.0 3 58.4 62.0 9 63.6 6 64.2 65.6 6 64.2 65.6 6 64.2 67.5 63.5 63.5 63.5 63.5 63.5 63.5 63.5 63	- 4.8 - 4.7 - 3.5 - 3.4 - 3.9 - 3.7 - 2.4 - 4.0 - 3.6 - 4.0 - 3.6 - 4.0 - 3.6 - 4.0 - 3.1 - 4.9 - 5.0 - 3.1 - 3.7 - 3.5 - 3.8	92 89 90 88 87 90 90 84 88 89 86 89 86 91 90	31 31 31 31 31 31 31 31 31 32 24+ 31 31 25 31 31 31 31 25 31 31 31 25 31 31 31 31 31 31 31 31 31 31 31 31 31	30 34 29 28 29 31 36 36 36 36 36 37 32 33 33 33 33 33 33 33 33 33	49 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	155 96 109 138 185 136 182 229 149 113 151 153 1153 1153 1153 1154 155 122 2201 191 164 136	000000000000000000000000000000000000000	000000000000000000000000000000000000000	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.995.56.918 5.60.918 5.60.918 5.018	- 0.08 - 0.39 - 1.38 1.24 - 0.06 1.55 0.78 - 1.13 1.19 0.86 - 0.14 2.59 0.61 1.55 - 1.30 - 1.57 1.76 1.11 - 2.02 0.23 0.63 - 1.51 0.02 - 0.41	1.30 1.42 2.22 2.57 1.17 2.97 1.44 1.76 1.62 1.37 1.66 2.86 1.75 2.03 3.05 1.55 3.05 1.55 2.03 1.55 3.05 1.55 2.03 1.55 2.03 1.55 2.03 1.55 2.03 1.55 2.03 1.55 2.03 1.55 2.03 1.55 2.03 1.55 2.03 1.55 2.03 2.03 2.03 2.03 2.03 2.03 2.03 2.03	3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	000000000000000000000000000000000000000	19	7 8 6 8 7 7 7 9 6 7 7 8 8 9 7 7 6 6 8 9 7 7 6 6 8 9 7 7 6 6 8 9 7 7 6 6 7 7 8 9 8 9 7 6 6 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	3334114323223324233452221111144313322232

Table 3																													-		MAY.	
Station	Total	1	2	3	4	5 6	7	1 6	3 9	1	0	11	12	Doy 13	of m	onth 15	16	17	18	19	20 2	1 :	22	23	24	25	26	27	28	29	30	31
AOVANCE 5 E5E ALBANY ALTON AMITY ANGERSON 1 SW	3.61 4.56 4.78 4.19 4.71	.45 .09 .34	.18 1.17 2.31 1.00 1.55	•11 •19 •42 •02			05 .9	6	3				.05	•03			.54 .01 .24	•49	.15	.17		+	.40	.40	.04		.78 .18 .15	.25 .04 .26 .43	.02	.99 1.20 T	.20	. 36
ANNAPOLIS 7 5W APRLETON CITY ARCAGIA AUXVASSE AVA RANGER STATION	5.87 5.42 5.07 3.10 3.71	.05	3.10 1.63 2.60	•30			.3	1 3 8									.04	T •10 •12 .06 •07	.13	.05			.01 .28	•32 •48		.59	.01 .73 .08 1	·23 ·03 ·38	. 13 52	.95 .28	•76 3~	.72 .26 .50 .3
BELLEVIEW BERNIE BETHANY BIRCH TREE BLACK 6 NW	2.76 5.39 4.21 7.06 3.10	.40	1.50 .99 .33 1.13	1 • 19 • 54 • 26	т		03	5										.40		.17			T . 25	.50 .09	o 62	.52 T	.23 .07	.45 .19	· 19 · 36	.91 .12 1.64 .15	.36	66
8LOOMFIELO 80LIVAR 800NVILLE WATER WORK5 80WLING GREEN 8RAOLEYVILLE	5.86 4.68 5.29		1.04	1.66 1.21 .62	-	:	•1 10 •2	2			-	-	•12 -		_	-	-11	•18 •04	-	.02			•32 •50	.33	_	1.85	.14 .53 .28 .02	Т _	-	.66 1.02	• 02	•09 •63
BROOKFIELO BRUN5WICK BUFFALO BUNKER BURER BURLINGTON JUNCTION	7.37 4.77 4.98 -	.77	1.12 1.17 1.43	•24	-		10 14 .0			-	-	-	-	-	-	-	•19 - •20	.04 .05 .04 -	-	•13 •13 T -		. 2	.63 .98	T -	- 24	.78	.44 .24 1.07	•33 •37 -	• 13	.34	- [	1.87 .27 .52 
BUTLER BUTLER CAA AR CAMDENTON CANTON L ANO O 20 CAPE GIRAROEAU MO ST	4.64 5.08 3.51 1.51 3.99	•51 •47	1.20 .23 1.30	• 05 • 30			03 .0 04 .0 17 .1 T	6 5 T									• 56 • 75 T	.01 .42 .29	.08	.04 7 .01 7	.04		•01 •10	.15	7	.30 .32 .56	.62 .88 .65	.02 .01 .05	. 40 . 42 . 07	.15 .82	.49 .46 .28	
CAPE GIRAROEAU CARLINGER MILLS CARROLLTON CARTHAGE CARUTHERSVILLE	3.67 4.76 2.88 6.11 4.05	1.43	1.66 1.29 1.20	•73 •03 1•42			12	8	т								.06	Т	T T	•08	.01 T		• 02	.29	•71	.38	1.78 .69 .57	•01 •26 T	.44	.82	.22	1.09
CA5SVILLE RANGER STA CENTERVILLE CENTERVILLE RANGER STA CENTRALIA CHAOWICK	7.21 6.29 5.62 3.64 4.10	.36 .40 1.00	2.38	• 09 T		*13 *	.4	8 5 2						.01				.08 .03 .02 .05	.01	.03 .22 .08	Т		.04 .01 .52	.52 .43 .16		.03 .02 .11	•15 •13	•23 •23 •36	. 60	1.67	.20	.69 .71 .63
CHARLESTON CHILLICOTHE 2 5 CHILLICOTHE RAOIO KCHI CLEARWATER OAM CLIFTON CITY	5.55 3.83 5.03 6.91 5.28	•16 •34	2.22 1.05 1.48 2.57 1.10	.41 .42 .02 .45			14 .0	3									.16	.17 .02 .30	† •05	30 •25			.08 T .19	•22		.03 .32	.06 .40 .59 .02	.39 .07 .55	. 30	1.13 .35 1.73 .60	.08	.09 1.72 T
CLINTON 1 NNW COLOMA COLUMBIA W8 AP R CONCEPTION CONCOROIA	3.34 5.22 4.22 4.72	.36	1.07 1.20 1.45	.13 T	т	† . T †	19 12 T	Т			•	-	-	-	-	-	• 32 • 19 • 57	T •25	.09	.17			-	.23		.05	.53 .05 .31	.19 .09 .33	.34	.16	.55	1.31
COOK STATION CRANE MOUNTAIN CROCKER CRYSTAL CITY 1 N CU8A	4.51 6.51 3.57 2.78 4.29	.28	1.00 3.22 2.07 1.17 1.21	•05 •10		:	20 .1	0 4 6 T	.12	I							.05	.18 .17 .36		.01			.22 .04	.22 .28 .20 .41		.14 .33 .70	.15 T .27 .22	•11 •24 •03 •06	. 47	.80	•19	.30 .70
OEERING OE 50TO OEXTER OONIPHAN OONIPHAN 2 W	4.84 3.38 6.66 5.60 5.52	•21	.70 1.14 2.97 2.70	.33 2.07			1.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	05									*15 T *02 T	.17	•03	•12 •03		.10 .30 .63	.21 .15 .23		.44	•22 •25 •19	•11 •31 •35		1.04 .05 1.33 .79 .72	. 79	*14 T
EA5T ENO EOGERTON EOINA ELOON ELOORAOO SRRING5	2.68 2.90 2.09 4.59 5.50	.07		•48 •30 •09 T	т	T T	10 .5	6									.05 .20	•24 •36 •36		.16 .01 .07			•25	.04	• 02	•21 •97	•13 T •22 •87	•32	.39 1.58	•26	-	
ELIJAH ELLINGTON ELL51NORE 1 N EL58ERRY FAIRFAX	2.72 5.37 4.81 2.60	-	2.25 .56 .30	2 • 80 T		•					.10				т			T .40	.06		•20		T •39	.47	• 16 T • 10 • 20	.85 .10 T	.10	Т	1.03 .19 T	•40 •98 T •68	.07 .21	*07 T
FARMINGTON FARMINGTON CAA AP FAYETTE FISK FORSYTH	5 • 01 4 • 46 6 • 05 5 • 84	1.25	1.44 1.76 1.12 2.50	•36 T •02 •58	_		38	Т		04 .	-	_	-	-	-	-	- 09	.07 .21 T	- 14	.04 .20		03 2	.04 .41 .31 .37	.14	• 40 -	.74 .29 T	.14 T .27	.81 .56	• 03 • 52	• 96	- 15	- 1
FOUNTAIN GROVE WILDLIFE FREOERICKTOWN FREMONT TOWER FULTON 4 SW GALENA	3.94 5.25 7.45 2.68 6.01	•60	1.00 2.68 4 1.07 2.65	• 33 3 • 72 T			13	8	63	١							• 30	.11 .05	•12	.08			.08 .10	•46 •78 •52		•12 •13	.37 .08 .05 .03	.05 .02 .43	. 18	.07 1.73 T	.08	.95 .11 .13 .99
GALLATIN 2 ME GERALO GRAN8Y GRANT CITY GREENVILLE 4 NNW GREGORY LANDING	5.73	.05 1.38 .31	.91 1.34 1.82 .76 1.98	.03 .36 .44		•	36 15 •1	10										•35 •23 T •36	.01	.22 .07 .15	.01		. 72	•31	T .56	т	.11 .04 .68 .12	•19 •29 •33 •23	.04 .04 .40	1.38	. 34	.39 1.10 .62 7
GROVESPRING HAILEY HANN IBAL HANN IBAL HANNIBAL WATERWORK5	1.36 4.42 5.03 3.29 2.76	.52	1.85	•10 •05 •04 T			25 of T	i 3									•13	•13 •10 •11 •13	.09	.07 .06 T	Т		•51	•10 •53 T	• 05	•36 •97	.47 .56 T	•02	.02	•24 •42 •58	.66	•13 •61
HAZLEGREEN 2 W HERMANN HERMITAGE HOUSTON	4.74 3.43 3.04 4.75	.47	1.79 1.28 1.17 1.57	•12	-		41	26 T	 r		-	-	-	-	-	-	-	- •17 •27 T	-	.12			-	.85	• 02	•52 •40	.63 .05 .96	•02	1.62	.35	.15	.34
JACF50N JEFF C17Y RAO10 KWOS JEFFERSON C1TY JEROME JORLIN CAA AR	3 · 14 5 · 12 3 · 78 4 · 44 5 · 62	.36 .27 .34		.07			02 .0	9									• 02	Т	т	.04 .05 .02		1	.10 1.20 1.29	•90 •24 T	• 06	.21 .33 .41 1.67	•14 •03 •12 •37	.10 .01 T	.02 T	.57 .13 .08 .18	. 93	.07 .02 .14 .34
KAMOKA KANSAS CITY WB AP R FANSAS CITY UNI OF K C KENNETT RADIO KBOA FETTESVILLE 4 NE KIDDER	2.84 3.55 3.58 4.65	. 80		·31	-	T ;	01	12 -				-	-	-		-	.17 .45	.13 T	- 17	- 19	- :		.37	*52 T		.01 .04 .02	.50 .17 .05	.12 .01	.50 .48 .47 .02	1.37	.14	.94
KING CITY KIRKSVILLE PAOID KIPX KIRKSVILLE CAA AP R KOSHKOMONG	5.51		.61	•21	=		07 -	26			-	Ξ	-	Ξ	Ξ	-	.63	=	.01	- T	.05	-	.60	Ξ		- - - T	.12	1.58	- 34	1.37		: 1
LA BELLE LAVESIDE LAMAR LAMPF FOREST SERVICE LATHROP 3 SW	1.46 4.24 5.38 4.92 3.86	1.14	.75 1.08 1.48 2.23			т.	04 .:	15	Τ					.05			•16	•41 •53 •08 •20	T	T T	.17					• 28 • 84 • 05	•27 •82 •21 •21	.05 .23 .09	.56	1.14	.17	.23 .62 .55 1.51

the 3-Continued	

able 3—Continued																										_	_		1.541	1954
Station	Total	1 2 3	4	5	6	7	8	9	10	11	12	_	ay of 1		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1 40 6 10 6 10 6 10 6 10 6 10 6 10 6 10	3.85 5.99 4.43	.57 1.87 .02 .50 1.71 .10 .34 1.75 .01 1.38 1.55 1.18		Ŧ	. 12	.43 .04 .55									.04	•13 •09 •01 •23	т	.03 .10			•12 1•10	. 33	• 40	T 1.22	• 38 • 33	.03 .23 .08 .71	• 36 • 35	•57 •06 •96	. 36 T	.38 .24
ANA STARKS NUR ANA LONG EOGRAFIA LOUKOUT ON	4.TB	.03 .38 .28 .39 .01 .38 .58 .19 .26 2.06 .96 .91 .21			т	.05 .12										.02 .19		•10 •11 •14	Т		.07 T 1.73 1.48	.29 .33	Ŧ		•01 •39 •		• 74 • 55	.40 1.20 .17	•07	T .09 .25 .
DISON A CAR AP R	4,93	.23 1.15		т	- 1	.05 .26 .78									.11	.05 .05 .14	т	.04	.06		.22 .42 .36			.05 .05	T •51 •45 •72	•15 •09	.62 .47 .93	.09 .06 .98	•50	.55 T .39
Soul (ELD 1 % Books 1 % LLE 1 % % %	2.61	2.05 1.01 .90 .02 1.30 .97 .30 .21 .31 .97 .21			.20	.39 .26									.04	.13 .10	•22	.09 .17 T	Т		.17	.65 .18	• 01	1.02	•27 •02 •11	•07 •20 •37	.09 .58 .37	•85	.35 .40 .33	1.16 . 25 .
TO THE SHE	7.76	.30 .83 .37 .60 .68 .67 .52 .08 1.50	_	_		.26 .37 .12	_	-	-	-	-	-	-	-	-	.09 .10 .59 .09	-	.19 .23 .11 .24	-04	-	.36 2.95 .80	.42 .33	-		•56 •05	•13	• 28 -	.70 .52 .43	•18	.25 .24 .72 .10
AR ROYE 2 PA NAT V DAVIN 3 SH	3.29	.59 .06 .34 2.66 .01 .12 .92 .50 1.27 .04 1.72			.12	.12 .87 .13 .60	т								-12 T	.02 .30 T		.08	•08		•56 •31	.40		.75 .05	.07 .09 .28 .39	• 32 • 03 • 10 • 07	• 02 T	1.53	.06 .42	1.36 .05 .25 .16 .45
ANA CA. B. B. E.		.02 1.39 .75 1.25 .05 .71 .83 .15 T .99 T .60 .29 1.95			.08	.23 .26	т	т		.04					.02	•18 •50 •12		.10 .07 .14 .24			1.25		T	•75	.46 1.00 .16 .01	.50 .62	.16 .15 .07	•17 •92	.79 .28	.14 . .08 .
T UR A TO TA 3 ME V LUE	3.45	.60 1.50 .25 .36 1.26 1.45 .02	-	T T	T .02	.05	-	-	-	-	-	-	-	-	-	.40 .81 .56	-	- .18 .42 .02	-	-	-	- •71	T .12	.29	- •35 1•37 •03	T •43	.60 .41	T .15	-	- .90 .60 .19
es acm fic ev a	5.02	.70 2.65 .03 .53 1.89 T .18 .68 .30 .40 .65 .72 .09		•05	.04	.39 .67 .43 .10										.07 .24 .12 .50		.09 .08 .04	.05		↑ ↑ •39	.20 .73 .15		1.25 .66	1.00 .99 .06 .02	.16		.06 .40 .19		.59 .40 .20 .10 .12
-3 -3 CITY -4 FFE -44 FFE	7.05 6.58	.48 1.27 1.16 .20 1.55 1.02 1.97 1.80 .05 .76 3.13 .10 1.05 .69			1	.88 .30 .40 .06	.01	Т							•24	.03 .05 .10 .44	.02	.04 .05 .30	•03		•27	,03	• 07	•16 •30	.01 .05 .62 .20	.06 .04 .22	• 45 T	.97 .64 .01	• 26	.60 .93 .05 1.97
TAN BE FF TAGEVILLE TON	4.43 3.44 5.42	.56 3.05 .65 .39 1.31 .26 .25 .84 T .35 2.08 .45 .32 .85 .97			.10	.84 .25 .60 .47	.03	т							.19	•01		.14		т	•22 •34 •37 •20	•14 •21 •12	т		.02 T .35 .08	.06 .08 .05 .02	.05 .08 .46 .03	1.69	. 35	•71
MOL MADOOS A SCHOOL OF MINES SPRING	2.92	.29 1.70 .11 .10 .66 .02 .28 1.88 .04 .47 1.83 .03 1.68			- 1	.30 .45 .73 .45										.15	.02 T		т		.53 1.30	.63 .05 .20 .75		.18 .68 .07	.30 .32 .09	.33 .03		1.18 .05 1.52 .23 1.76		.55 .29 .23 .30 .19
NT CMARLES NT LOSEPH WH AP R NT LOUIS NB AP R NT LOUIS NB CITY R NT LOUIS UNIVERSITY	2.27 5.04 2.50 2.80 2.32	.01 .66 .05 .73 .35 .51 T .80 T .79	T		T •45 •40 •39	.01	T T								1.00	.05 T .02 .01	.18 .06 T	.21 .29 .41 .23	.08	.10	.40 .02 .01	.03 .83		.09 T .31 .36	.07 .06 .09 .03	.05 .04 .12 .08	.58 T T	T T	.35 .03 .14	.03 .92 .44 .38
NT LOUIS WASH NI W DY OTON L AND D 22	5.20	.36 .60 .03 .35 1.05 .0T 1.29 T .19 .41 .01 1.42 1.29		•02	.03 .22 T	.36 .41 T									.15	.08 .05 T .18	Т	.12 .18 .06	•12		•11 1•94 T	.02 .96		.33 1.95	.10 .55 .39 T	.07 .13	.47	.01 .46	a 26	.36 .23 .21 .68
	5.12 2.17 3.59	1.76 1.66 .51 2.42 T .50 .62 .03 .72 .27 1.02 1.52				.32 T .13	. 96	т							.10	.09 T .16	.03 T	*03 T *13 *11 T	т		.94 .11	.46	Т	т	.62 .60	•17 T •02 •09 T	•21 •14	.55 1.39	•40 •09 T	.17
TON COOP EXP FARM AN SPRINGS NGFIE D NB AP R LE Z N + *ENVILLE	6.12	.06 2.42 .07 .33 1.90 .19 .55 1.01 .22 1.23 .45 .53 .14			T .32	.93 .32 .52 .08	т								.20	T 	т	•03	.10		•19	.56 .76	1.23	1.32	•26 •02	.57 .06	• 03 T	.97 1.23 .37 .16	.62	.58 .14 .10
VAN 5 E M*45VILLE m=60 2 CW * SPD ≪GS	4.87 4.13 4.53 3.43 5.86	1.30 .95 .2202 .02 .36 l.41 .01 .69 l.20 .02 .03 l.61 T		т	.15 .04	.37 .51 .02									•18	.43 .65 .28	т	.03 .02	•04		T •10	.65			.15	.03		.31 1.41 .17	1.71	.20 .14 .17 .03 .16
18 - 187 2 to AZ & NE AZ & NE 187 V	2.75	.92 .36 2.19 .06 .20 1.12 .54 .80 .51			.14 .12	.36		•50						T	• 47 T	.06 .35	•27	.16 .30	•07			.06	• 09	•16 •10	.82 .30	.04 .49 .25 .38		.05 T	044	2.34 .22 .24 .10
DO 1 E DV LLE V PARK EN 1 S ALIA	3.98	.12 1.00 .02 .75 .64 .36 .11 .58 .06 .38 2.82		-	.07 T	.17 .36 .76	Т -	т -	-	-	-	-	-	-	-	•12 •22 •17 T	-	.05 .06 .08	T •11 -	-	7 •52 •07	.35 .06 .52	T	.36 .37 .08	.02 .39 .08	.01 .26 .01	T = 16	•12 •26 T 1•51	-	*11 *36 ** *23 **
TANT 4 E IA LL CAA AP PADELLC AM	6.30	.23 .84 			. 40	.45 .61	т								.43	.09 .29 .03	т	.06			2.25	•25	e 26	•06	.40 .38 .01 1.13	1.33 .29 .02	1.17	e13	•09	.38 .03 .20 .36
As NO 2 A NO 2 A NO 2 A NO 2 A NO 2 A NO 2 A NO 2 A NO 2 A NO 2 A NO 2	2.64 5.91 5.47	1.01 1.52 .18 1.05 1.98 1.26 .04 1.79 1.18 T		т	.04 .40 .11 .10	.03 .10 .06 .32									Т	.34 .23 .75 .63	т	•07 •33 T			.40	.01		•12 •27 •37	.23 .60 .54 .70	.10 .03 T		1.03 .40 .32	•10 •37	•62 •48 •34
SVILL 2 0 TOR GRIVE NGAR" 0 "PLAINS	3.23	.79 1.45 .29 1.54 .75 .01 .26 1.86 T 2.16			.02 .15 .41	•08	т								.02	.23 .31 .16 .20		.08	T 1.73		7 •43 •30			.52 .09	.56 .43 .13 .10	• 48	• 43 T	.30 .27 .02	.36 .31	.44
IAMSVILLE LOW SPR NGS SOR 3 NW MA 5 E	3.00	.26 1.22 .56 1.42 .10 1.04 1.20 .00 .21 1.23 .4			.55	.65 .02 .77		•03								`.51		T •05	.02			.15		•95	.12 .20 .53 .15	. 48 . 46 . 44		1.09 .10 .66 1.85		.30

Table 5									ע	AI	LY	T	LM	111	SKA	AT	UF	EES	<u> </u>													MAY ;	
Station		<u> </u>			_						-		-		1	Day	Of	Mont	h T												- 1		Prage
ADVANCE 5 ESE	MAX	79	74	70	4	5	68	7 64	65	9	69	74	70	13	74	15 81	16	78	76	75	69	75	71	23	24 86	25 81	26	83	28		83	90	- Am
ALBANY	MIN	60	64	44	57	65	34	52	40	43	39 70	74	48	46	45	48	53	63	53	52	45	39 75	54	51	56	63	60	65	62	62	54	69	75."
AMITY	MIN	60	43	33	30	34	47 65	36 65	41 63	38	35	38 75	39 76	74	42	46	59 69	50	46 75	42 69	36	45	65	60	59	49	53	63	55	47	50	63	70.5
ANDERSON 1 SW	MIN	42 78	41 69	32 51	3D 60	37 70	48 76	35 64	39 69	35 64	40 69	45 68	70	46 70	46 75	53 79	6D 79	51 75	47	42 70	39 69	48	59 87	60 85	56	53 79	55	62	54 85	50	53	61	71.00 47.03 74.45
APPLETON CITY	MIN	70	70	50	28 57	31 65	70	64	38 65	64	68	73	75	73	36 77	83	50 75	59 72	75	45 67	32 68	35 80	54 85	54 88	50 85	60 75	59 75	56 86	63	47 78	58	57	46.6 73.6
ARCAOIA	MAX MAX	80 55	48 84 63	33 64 39	31 59 31	42 65 45	47 68 36	60 48	39 62 48	63 40	39 67 34	48 76 34	72 41	71	75	82	54 84 52	57 78 60	53 76 56	51 73 50	68 43	76	55 72 52	78	58 85 54	80	58 74	79	81	5D 81	57 81	86	74.7
8ETHANY	MAX	61 43	62	47	55 31	64	67	65	59 38	62	69	73	73	38 72 45	76 40	83	8D 49	72 48	73 45	75 40	69	73	83 61	50 85 59	73 56	57 68 49	58 72 42	61 83 63	62 82 56	59 69 48	48 72 48	65	70.6
81RCH FREE	MAX	78 58	6D 44	58 38	56 28	64	73 38	62 48	68	65	58 33	73 38	71	72 42	75 41	81	82 48	78 61	77	70 49	69	75 33	72 52	79 50	85 53	80	7D 6D	78 64	82 64	83 58	80 51	85 67	7245 4745
BLACK 6 NW	MAX	75 56	75 63	65 4D	59 28	66 42	70 36	61 48	69 36	64	69 31	74 35	73 40	70 35	74 39	82	82 45	79 60	75 58	70 48	68 35	75 31	78 53	79 53	85 53	76 60	75 58	82 62	81 64	81 57	81 46	86	74.2
80L 1VAR	MAX	75 53	70 44	49 35	53 32	65 42	72 47	63 46	66 44	62 41	67 40	71 47	72 49	70 44	74 44	81 48	77 56	73 60	76 52	72 52	68 40	78 45	85 54	85 58	84 59	79 55	72 60	83 62	83 64	79 52	78 60	85	73 • 1 50 • 2
800NV1LLE WATER WORKS	MAX	72 54	69 54	71 37	47 33	55 38	62 47	61 42	57 42	60 40	60 41	65 44	72 47	71 45	70 45	73 47	79 53	73 57	<b>72</b> 50	73 49	64 41	67	75 53	75 57	83 60	80 55	66 55	73 59	83 63	75 53	73 55	73	69.3
8ROOKF IELD	MAX	66 50	62 53	55 35	60 32	66 39	68 45	65 38	62 43	66 39	70 36	77 41	73	74 45	80 45	85 45	78 62	71 53	77 46	68 46	72 37	79 46	78 57	81 59	79 61	74 57	74 56	85 62	84 60	74 51	71 53	77	72.6 48.3
BRUNSWICK	MAX M1N	68 50	74 50	52 36	55 32	63 41	64 47	62 40	63 43	62 40	67 39	75 43	74 47	72 47	75 45	83 47	79 61	72 54	74 45	66 47	69 39	8D 45	77 57	85 59	79 54	74 59	75 58	84 64	82 61	73 52	71 54	82	72.6 49.2
BUTLER	M A X M I N	71	68 45	49 33	54 31	63 45	71 49	64 44	65 39		68 39	72 49	76 50	72 47	76 45	81 48	72 56	70 58	74 53	68 51	68 40	77 49	87 58	84 64	81 59	73 55	74 58	83 64	79 63	76 51	80	83	72 · 6 50 • 7
BUTLER CAA AP	MAX MIN	68 50	65 39	50 33	53 32	64 44	69 48	63 42	65 42	64 37	67 38	72 50	73 49	70 44	75 44	81 46	70 57	69 55	74 52	65 45	68 38	77	86 54	83 61	80 58	65 54	73 57	63	75 53	76 49	80 56	82 58	70.7 48.1
CAMDENTON	MAX MIN	80 50	70 53	55 33	57 26	65 40	70 43	61 42	63 35	63 35	68 36	73 37	72 36	74 42	75 40	80 45	81 51	72 57	75 50	73 50	68 36	8D 39	75 52	85 52	84 56	79 55	76 51	85 59	84 60	78 49	77 53	89 65	73.8 46.1
CANTON L AND D 2D	MAX M1N	66 51	73 55	58 35	56 32	62 35	63 40	58 38	57 37	56 39	66 42	72 40	68 44	67 41	73 44	82 44	72 59	69 53	73 44	62 45	66 37	70 41	65 58	77 58	79 60	71 57	72 57	85 64	80 60	73 51	73 50		68 • 8 47 • C
CAPE GIRARDEAU MO ST	MAX	79 59	73 61	69 40	59 30	67 42	66 39	64 48	66 38	64	68 37	73 42	70 47	69 45	73 47	80	84 53	80 58	<b>7</b> 5	72 51	72 40	72 38	.71 49	78 51	85 55	83 63	77 56	76 84	82 61	81 59	81 54	89 67	74.1 49.5
CAPLINGER MILLS	MAX MIN	75	62	50	52	66	72	63	67	64	69	73	73	7B	81	84	78	76	76	71	72	72	87	83	75	76	78	84	84	80	80	85	73+7
CARROLLTON	MAX	65 49	72 46	49 35	58 30	65 44	63 46	61 39	64 41	65 38	7 Q 3 6	75 39	75 44	72 42	75 43	84 43	77 59	71 52	77 45	67 45	69 35	79 42	82 59	89 58	81 56	71 58	75 57	85 62	78 60	75 50	71 51	85 66	7214 4714
CARTHAGE	MAX MIN	77 54	72 49	49 34	57 30	68 38	70 47	61 46	66 43	61 39	66 40	68 45	71 53	70 46	74 40	80 44	8D 43	72 59	76 47	73 53	70 36	76 41	88 61	84 61	83 57	80 56	73 62	84 63	83 66	80 49	82 62	84 69	73.5 49.5
CARUTHERSVILLE	MAX M1N	79 63	75 68	68 46	57 40	66 44	75 47	74 58	73 44	67 51	67 44	72 47	70 57	70 55	74 50	79 51	85 54	80 65	77 58	75 34	70 47	70 44	72 54	79 56	85 59	85 63	80 63	81 66	82 65	79 62	85 63	89 71	75+5 54+5
CHARLESTON	MAX MIN	8D 63	74 54	69 44	59 34	68 54	72 46	68 33	68 44	68 40	67	74 46	73 44	70 50	73 49	82 50	85 57	79 65	77 54	73 55	70 45	76 47	71 55	81 50	90 58	83 65	79 48	85 66	85 66	82 62	85 56	92 70	76.1 52.3
CHILLICOTHE RADIO KCHI	MAX	64 47	63 52	52 34	56 32	63 35	64 44	62 37	62 41	64 36	70 34	·75 38	72 41	73 40	75 39	82 41	78 59	70 58	75 45	65 44	68 34	75 40	81 59	87 58	80 57	74 56	71 55	84 63	82 58	75 43	73 48	82 63	71.5 46.2
CLEARWATER DAM	MAX	79 57	77 62	67 4D	62 29	66 44	76 40	69 50	68 37	66 38	71 35	<b>7</b> 5	77 44	70 42	75 41	82 45	85 48	80 60	78 52	78 53	69 41	77 35	77 51	81 50	87 53	85 62	77 59	81 61	85 60	83 60	83 <sup>-</sup> 50	89 67	76±6 48±5
CLINTON 1 NNW	MAX																																
COLUM81A W8 AP	MAX	72 55	72 42	50 36	57 33	63 43	6D 45	59 42	63 41	62 39		74 42		70 47	75 47	81 45	76 57	76 57	77 48	66 45	67 39	77 44	69 55	84 56	82 58	67 56	75 57	85 62	78 58	77 51	70 56	87 59	71.3 48.4
CONCEPTION	MAX	64 40	57 43	45 31	52 30	64 36	67 33	66 35	60 42	64 35	68 45	74 47	74 47	79 45	77 46	83 52	79 60	74 51	72 49	67 42	69 41	7D 48	84 58	84 59	73 58	67 50	69 52	82 62	82 53	69 50	74 50	78 62	70.5 46.8
CRYSTAL CITY 1 N	MAX	80 55	76 62		61 28	68 35	65 34	60 44	65 35	61 34	69 33	75 35		72 40	77 39	8 4 4 2	86 48	75 59	76 45	<b>70</b> 50	68 39	77 34	75 55	80 53	89 53	79 55	74 55	83 61	84 58	84 54	<b>7</b> 9 49	90 62	74.9 46.0
DON 1 PHAN	MAX	80 58	72 64	66 43	62 29	70 40	76 39	69 35	70 44	69 38	69 41	75 34		74 49	79 39	83 45	84 60	86 46	80 54	74 59	72 42	72 34	70 54	82 51	82 54	84 60	75 61	82 63	86 69	82 63	85 51	88 65	76.4 49.5
EOGERTON	MAX	66 43	58 43	49 31	59 29	65 43	67 46	64 35	66 36	65 31	70 34	75 40		73 42	77 40	84 45	79 60	68 51	77 44	67 43	70 35	76 47	84 60	84 63	77 54	71 56	76 57	85 60	76 56	73 47	73 52	83 61	72.0 46.0
ELDON	MAX	77 53	78 54		56 32	64 44	62 45	61 42	63 39	65 39	68 40			71 43	75 46	81 49	78 55	73 60	75 52	<b>74</b> 50	67 39	77 41	77 55	85 55	83 59	75 51	74 58	85 61	83 63	78 52	76 54	87 66	73+2 49+2
ELS8ERRY	MAX	85 55	77 64	70 37	50 31	57 36	63 38	63 38	59 40	62 39		63 37		72 42	70 36	73 39	78 53	83 50	83 58	8D 41	78 48	64 35	70 36	78 57	65 57	82 51	86 60	76 62	87 64	86 49	79 48	83 65	72.4 46.6
FARMINGTON	MAX	77 56	75 61		60 31	66 42	70 37	60 46	61 37	62 39		73 38		70 39	75 45	80 44	85 51	74 59	75 49	7D 49	67 40	75 35	70 51	79 50	85 54	77 52	76 56	8D 61	81 61	80 57	78 49	88 66	73.1
FARMINGTON CAA AP	MAX	75 54	70 48		59 33	64 39	65 35	57 37	60 36	60 40	66 33	72 35		69 40	75 42	80 43	82 50	74 56	74 49	68 44	66 38	72 33	61 53	77 52	85 53	69 54	74 57	79 63	80 62	8D 53	77 48	87 64	70.8 45.9
FAYETTE	MAX	75 53			56 31	63 41	61 45	59 38	62 41					69 45	74 46	77 52	75 57	73 57	75 45	65 48	61 37	76 40	74 54	84 56		'72 56	74 57	84 62	78 60	75 51	70 53	86 67	70.8 48.2
FOUNTAIN GROVE WILDLIFE	MAX	65 47			56 32	63 40	64 45	64 36	61 42		69 36			71 41	76 42	81 42	79 60	68 51	74 46	65 44	68 35	76 42	78 60	86 57		76 45	74 55	84 62	81 58	73 48	72 49	76 61	71.7 46.5
FULTON 4 SW	MAX	78 52	77 59	7 2 3 7	49 30	58 38	65 42	58 41	59 40	63 38	61 38	69 41		73 43	72 47	78 47	82 55	79 57	76 48	77 51	66 37	7D 42	79 51	69 53	83 59	83 52	68 52	76 58	85 63	81 52	79 57	74 65	72±0 48±2
GPANT CITY	MAX	57 41	55 45		55 30	65 33	65 40	65 34	63 41	60 35				74 45	76 47	84 50	75 58	68 50	75 47	67 45	68 41	73 48	81 59	82 6D	72 58	71 58	73 51	8D 62	<b>7</b> 5	74 55	70 58	74 59	69+6 47+2
		1															1															1	

able 5-Continued									ט	AI	LY	T	EN	1PI	SK.	AT	UH	E	<u> </u>														1954
Station								,								Day	Of	Mont	h.			r										_	brage
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		21			24			27				31	Ave
SENVILLE 4 NAW	MAX	58	74 63	67 42	30	68	72 37	65 51	66 38	67 36	71	76 39	75	71	72 40	82 44	85 47	79 46	48	<b>7</b> 5	69 40	77 34	74 53	80 49	88	83 63	75 60	63	84 62	82 61	82 50	90	75.9 48.0
MIBAL WATERWORKS	MAX	68 55	75 42	47 35	5% 30	63 36	62 42	58 36	60 42	55 40	68 43	74 45	88 45	68 45	74 50	81 51	73 59	69 53	74 48	61 43	66 38	76 43	63 56	81 56	80 61	6 <b>7</b> 57	73 56	86 63	75 56	75 52	75 52	83 61	69.5 48.1
RR ISONVILCE	MAX MIN																																
PW 1T AGE	MAX	79 49	68 52	57. 32	54 24	65 40	71 42	63 42	68 30	65 28	70 29	74 35	75 40	73 35	77 33	83 36	81 42	74 58	76 46	74 50	70 30	77 31	85 47	86 55	84 49	82 53	73 57	84 55	75 54	80 43	80 49	86 61	74.5 42.8
USTON	MAX MIN	72 55	70 55	58 3·7	56 28	65 44	73 42	62 48	66 39	66 38	68 34	74 38	72 44	72 39	77 38	80	80 52	75 61	76 51	70 54	69 37	75 34	72 55	81 52	86 53	79 59	69 60	82 64	83 62	80 53	75 65	86 69	73.2 48.5
CR SON	MAX	80	75 64	69	62	69 45	67 37	64 50	65 37	66 39	71 35	75 40	73 45	74 45	77 44	84	86 51	80 61	79 52	76 50	70 40	76 38	74 54	82 51	89 54	85 64	79 59	82 65	85 64	83 62	83 52	90	76 • 5 49 • 8
FF CITY RADIO KWOS	MAX	76 53	73 57	<b>57</b>	58 30	64	66 43	59 45	63 38	61 37	69 34	73 37	72 43	70 39	75 40	82	77 50	73 61	76 47	69 51	68 36	79 35	73 54	84 54	82 57	<b>73</b> 52	74 58	85 63	80 64	78 50	73 51	89 66	72.6 47.4
PLIN CAA AP	MAX	76 55	65	49	55 33	67 41	72 51	63 48	66 47	57	66 44	70 52	72 54	70 48	76 46	82 52	76 59	71 54	77° 50	66 48	71 42	77	90 62	85 64	83	73 58	74 63	84	83 58	78 54	83	83	72.9 51.6
WSAS CITY WE AP	MAX	62	60 40	47	54 36	66 46	68 53	62 43	64	63	70 43	75 49	75 50	72 51	79 50	8.5 5.6	72 62	70 58	76 55	66 50	71 45	79 55	86 62	85 65	76 61	66 57	76 58	85	72 59	75 56	79 60	83	71.6 51.9
WSAS CITY UNI OF K C	MAX	62	62	48	54 31	65	66	63	64	63	78 38	74 45	74	71	76 44	83	80	69 58	77 58	71	70 40	77	85 59	84 65	72	70 54	75 57	85	80 58	75 49	76 55	80	71.9
WETT RADIO KBOA	MAX	86 62	74 63	69	59	69	78 46	73 57	73 42	70	70 41	75 45	72 56	72 51	76 47	82	86 54	82 63	79	77 51	75 44	78	77 54	82 52	87 57	86 62	80 63	83	84 65	84	85 62	90	77 • 8 53 • 3
DD€R	MAX	02	03		50	•0	40	21	42	**	71	40	96	21	47	50	34	03	33	91	**	10	J4	22	"	02	6.0		0,0	03	02	09	23.3
RESVILLE RADIO KIRX	MAX									İ						-						-										1	
RESTILLE CAA AP	MAX	64	72	43	56	61	64	54	56	58	64	70	70	70		80	66	68	71	63	66	75	70	83	76	69	70	82	71	69	70		67 • 8
SHKONONG	MIN	72	72	63	30 59	33 67	71	71	36 66	35 66	37 71	71	70	72	75	51 81	55 81	81	77	77	35 71	75	53 75	54 82	59 84	54 84	54 73	79	52 84	50 84	51 82	84	45 • 5 74 • 8
KESIDE	MIN	75	61 80	72	36 51	44 57'	66	54 66	61	64	43 64	70	74	48 75	73	53 77	55 83	63 80	56 74	56 76	45 68	69	58 79	54 79	86	63 86	61 70	74	64 85	60 82	58 81	75	53·5 73·3
MAR	MIN	51 64	75	38 69	30 53	39 57	69	69	35 65	35 68	36 63	40 69	70	38 74	38 74	78	47 83	54 75	72	52 78	35 69	73	42 76	57 89	55 84	56 84	52 72	73	61 84	50 82	80	56 80	45•7 73•3
THROP'3 SW	MIN .	53 62	54	34	32 53	38 63	66	46 62	62	60	42 62	49 68	53 69	55 74	53 73	55 82	55 79	61 68	75	54 65	45 69	72	55 85	63 76	70	55 76	59 75	63 85	66 75	51 72	59 72	82	51.6 69.6
BANON 1 ENE	MIN	43 77	39 72	32	29 57	42 66	61	36 65	66	63	36 68	40 73	70	69	45	56 81	60 78	52 73	77	70	67	77	58 76	55 83	56	58	83	60 81	56 78	53 77	53 76	59 85	47.1 72.3
XINGTON	MIN	50 68	54	36 68	29	42 55	65	49 67	43 66	39	41 64	39 71	74	38	39	46 78	56	60	48	51 76	34 67	71	56	54 85	55 87	60 80	63	75	51 86	56	54 76	68 75	48.5
CKING 4 N	MIN	48 78	72	33	33	39	64	39 71	43	63	62	48	75	47 73	73	78	60	56	51	47 75	41 67	48	58	60	59	55	57	71	58	53	57	63	49.6
Ck #000	MIN	55	61	37	29	39	48	47 63	39 70	49	35	37 70	43 73	38	38	45 81	50 79	60	56 76	52 70	40 69	36 79	54	52	54	59 75	60	62	62	56	53 79	62	48.6
UISIANA STARKS NUR	MIN	54 76	48	34	31	38	49	42	46	41	40	48	50	40	43	50	57	59	51	53	38	42	55	60	59	56	62	62	65	52	59	65	50.0
	MIN	53	55	36	32	37	40	60 40	61 35	36	70 36	74 35	99	74 35	78 38	40	79 52	75 55	78 40	73 45	70 34	76 32	71 57	81 55	56	80 55	75 55	64	63	49	78 45	64	73 • 6 45 • 4
CON	MAX	74 49	68 49	73 34	28	33	62 38	63 35	57 38	36	60 38	67 43	73	70 40	69 43	74 46	81 56	70 50	69 47	75 44	63 37	66 43	76 52	69 52	58	79 53	53	74 55	85 63	71 50	73 49	76 60	69•3 45•7
LDEN CAA AP	MAX	63	73 58	59 41	59 35	67 45	75 47	67 48	69 44	68 46	68 42	73 47	71 55	72 50	75 49	81 53	.86 57	72 62	78 56	74 52	70 44	76 44	65 55	82 53	88 59	82 65	78 61	64	85 63	79 62	85 58	92 68	75 • 2 53 • 1
ROLE HILL	MIN	80 58	75 64	70 41	61 28	69 45	69 36	66 50	66 35	67 36	71 33	75 37	73 42	72 42	76 40	83 42	85 46	79 61	78 53	77 48	70 41	76 34	76 51	77 55	87 52	84 63	75 58	81 62	84 60	82 60	83 49	89 65	76.0. 48.0
RSHALL	MAX		69 54	56 34	56 31	64 44	65 43	64 38	64 42	63 36	69	75 42	74 49	71 49	75 50	81 51	81 60	57	76 48	72 46	68 38	78 45	78 64	88 57	86 60	77 55	73 58	85 64			75 55		73•1 49•7
RSHF1EL0	MAX		71 53			64 38	72 46	61 45	66 40	61 38		71 46	72 51	69 43	74 43	8 0 5 0	79 52	72 59	74 49	73 51	66 39	76 48	78 ·56	82 54	84 57	80 56	69 59	83 64		78 51	77 59	86 69	72.6 49.4
RYVILLE	MAX	54 39	54 40	47 30	. 28	65 34	66 47		62 38		69 42	75 43	72 49	71 49		83 52		69 51			69 42	74		83 63	69 59		<b>72</b> 52				74 54		69.5 47.1
MPMIS	MAX	76 52	62 52	72 33	44 31	56 35	62 35	66 35	57 38	58 37	56 37	68 42	73 46	71 45	73 46	78 50	84 50	65 49	71 48	76 45	64 39	7·0 4·2	76 47	68 49	85 56		73 55		83 62	72 50	70 51		69•3 45•4
×1CO	MAX	80 55	74 57	74 31	50 32	58 37	65		58 40	62 38		69 46	74 44		72 42		82 57	78 56	76 46	77 49	64 36	68 42	78 55	69 54	85 57	81 57	71 57	77			76 52		71.8 48.0
BERLY RADIO KNON	MAX MIN	70 58	72 54	58	56 30	62 37		57 39	59 42	59 36	67 39	73 45	70 45	69 43	75 45	80. 47	77 58	71 56	74 45	63 48	65 35	75 44	71 55	82 55	80 57		73 56		80 63	73 50	72 51	85 65	70 • 5 48 • 7
METT	MAX MIN																																
SATAIN GROVE 2 N	XAM N1M	/6 55	71 55	56 37	56 29	65	72 45	63	67	64	68 37	72 43	72 49	71 41	74	79 51	79 54	76 61	75 51	75 51	69 40	73	73 57	81 52	84	84 61	68	81	82 62	81 54	81 57		73.4 49.8
UNT VERNON 3 SW	MAX	72	69	51	55		73	63	69 42	61	66		72	70	75	1	78	73		72		77	87	86 58	83	78 57	72		85	80	79 59	84	73 • 4 48 • 9
озно	MAX	77	74	52	59	70 36		64	68	64	69	70	J.	71		80	80	73	76	75	70 33	76	87	85 59			76 60	- 1		80	84		74.7 48.3
VAOA	MAX	72	69	- !	55	68	70	67		64	70	73	76	74	78	84	77	70		74	71	80	91		81	80	73 60	87	83	81	83	83	74.7
* FLORENCE	MAX	79	72	60	53	63	59	57	61	57	66	73	69	70		81	80	75	76	68	68	76	71	81	83	77	75	85	81	79	75	90	72.1
E GCPN	MAX	54	52	42	49	65	65	61	62	62	37 69	74	73	72	76	84	79	65	72	65	37 69	75	84	79	68	52 67	74	83	74	69	74	81	69.0
	MIN	40	39	31	29	38	45	35	45	37	44	42	48	49	49	56	60	52	47	45	44	51	60	62	58	53	53	61	53	56	50	58	48 • 1

Table 5-Continued										VI	111	1	1214	11 1				LES			_	_	_		_	_		_		-		MAY	19
Station					—т				1							Day	Of	Mont	h						- 1								Prage
OZARK BEACH	MAX	75	78	70	56	57	74	71	67	75	70	73	72	74	75	80	16	80	78	19	74	74	80	82	24	25 89	26	27 7e	87	89	87	31	4 Av
	MIN	55	63	40	31	35	45	51	42	43	40	42	44	46	41	45	47	48	50	53	39	39	53	56	54	61	63	62	61	57	57	64	4
PEPRYVILLE	MAX	61	75 63	71	33	67 44	65 37	61 49	39	41	69 36	75 39	71 40	69 42	75 45	47	86 54	81 62	51	74 52	68 41	75 38	73 54	53	55	80 58	86 62	65	63	60	52	66	7
POPLAR 8LUFF	MAX	83 59	80 63	73 45	68 33	60 44	69 42	74 55	70 40	70	70 38	69 41	74 50	70 48	72 45	76 48	81 50	84 62	81 57	78 52	75 44	71 37	75 54	72 50	80 55	86 64	83 60	75 63	81 62	84 62	81 55	84 66	5
PORTAGEVILLE	MAX	81 63	74 64	70 45	58 37	68 44	75 47	73 56	70 43	68 49	69 42	74 45	73 54	72 52	76 49	82 50	85 57	82 64	78 58	78 54	73 45	75 55	81 53	87 59	85 64	86 60	81 63	84 66	85 66	82 62	84 60	89 71	51
PRINCETON	MAX	62 42	62 47	47 32	52 30	62 31	66 42	63 45	58 36	62 32	68 35	73 34	74 40	74 39	77 43	84	79 58	70 45	73 41	65 36	69 31	76 45	80 60	86 57	78 51	72 44	70 52	81 62	78 54	69 44	72 44	76 63	76 41
ROLLA SCHOOL OF MINES	MAX	81 54	76 62	72 38	51 32	59 44	65 45	71 45	59 41	62 40	62 40	67 45	73 48	72 44	70 48	74 52	82 56	81 59	75 52	77 52	69 41	67 41	77 53	72 53	83 69	86 58	72 57	77 63	84 63	82 55	79 54	81 53	7: 50
SAINT CHARLES	MAX	83 57	77 66	67 39	60 34	66 39	62 42	60 45	65 41	60 41	69 40	76 41	72 41	76 45	80 50	84 48	86 54	80 60	77 47	72 52	72 41	78 42	72 56	81 58	89 60	81 58	77 59	85 64	86 63	83 56	79 56	94 67	7° 50
SAINT JOSEPH WB AP	MAX	57 43	55 39	47 33	52 32	65 43	66 47	61 39	62 39	63 36	70 39	73 43	74 46	73 49	77 48	84 55	73 60	66 55	73 49	66 45	71 43	77 52	85 61	82 62	72 58	68 57	76 57	85 62	71 55	72 51	76 56	82 62	70 48
SAINT LOUIS W8'AP	MAX M1N	80 58	76 47	49	56 33	64 39	54 45	57 45	62 43	59 41	68 43	74 46	70	73 45	78 50	82 51	83	78 57	76 50	64 46	68 42	76 45	67 57	81 58	88 63	70 56	78 57	84	86 63	81 58	80 57	91 63	7; 51
SAINT LOUIS WE CITY	MAX	79 60	74 49	49	56 36	62 44	56 47	55 45	60	56 45	65 47	72 49	69	72 47	76 53	81	81	75 60	74 54	62 49	66 44	76 50	68 57	77 57	85 64	7,2 56	76 58	82 63	83	80	79 61	90	71
SAINT LOUIS UNIVERSITY	MAX	79	75 64	64	57 35	63	60 48	57 45	61	57	66 46	72 48	69 51	71 47	76 53	81 56	81	76 62	76 54	72 50	67 45	74 51	71 57	78 57	86 64	81	76 59	83	84	81	80 62	91	73 51
SAINT LOUIS WASH, UNI	MAX	86	80 65	76 39	51 34	59 42	65	55 46	58	64	60	68	75 50	69 46	72 51	77	83 56	84	77	77	64	69	77 56	70 57	82	87 55	70 54	79	85 62	87 57	84		7:
SALEM	MAX	83	74	69	52 32	59	65	71 46	61	65	63	67 36	74	71 37	72· 38	77	81	84	74	76	70	67	66	66	81	84	72	70	82	82	79	77	7:
SAL 158 URY	MAX	70	72	51	57	64	62	61	62	62	70	71	75	73	77	83	72	74	77	67	70	79	50 76	51 85	81	71	76	86	73	75	70	85	7:
SAVERTON L AND 0 22	MAX	73	51 77	36 61	32 53	62	64	38 56	58	3 8 5 5	39 65	70	69	70	73	83	75	55 68	74	68	39 68	75	55 67	56 82	78	72	72	88	61 79	52 74	76	86	70
SEOAL1A	MIN	70	61 69	61	35 55	38 63	64	64	64	65	70	74	74	72	47 75	81	59 80	58 70	76	75	67	78	58 80	58 88	84	77	59 74	65 85	83	56 75	73	<b>6-6</b> 87	5¢ 73
SEL IGMAN	MIN	73	54 68	34	31 56	67	74	60	38 67	40	39 66	43 69	66	68	45 71	76	57 74	56 72	71	66	37 65	75	60 84	62 83	57 <sub>,</sub> 81	76	73	83	82	52 78	58 81	84	73
SEYMOUR 4 NNE	MIN	50 72	46 72	34 60	30 53	36 63	70	45 65	42 66	60	66	70	70	49 72	73	50 78	55 79	60 71	50 73	70	67	73	60 76	60 82	57 83	61 80	60 78	63 79	63 80	55 82	60 85	69 85	50 72
SHELBINA	MIN	48	59 72	34	28	34	41	45 63	36 59	35 57	38 67	40 73	68	38 67	37 74	38 80	39 79	59 69	59 74	63	40 66	45 76	49 72	49 82	50 81	55 72	58 75	59 85	57 84	54 73	55 73	67 83	71
SIKESTON	MIN	55	59 78	35	31	35	68	37 69	3 <b>7</b> 65	34 68	35	38	41	42 73	43 70	40 76	53	53	42	71	34 72	37 70	55 77	54	55 82	55	56 83	62 76	59	47	51 79	61	74
	MIN	62	63	45	33	41	43	53	42	44	39	45	50	49 69	48	50	56	63	53 73	55	42	41	54	53	61	65	61	6-6 8-4	64	62	55	68	
SIKESTON CROP EXP FARM	MAX	78 61	72 62	43	57 35	43	46	53	67	65	67 41	46	50	49	48	50	85 53	63	53	71 53	68	75 42	55	52	87 58	65	60	65	64	62	82 56	68	52
SPRINGFIELO W8 AP	MAX	50	41	34	52 32	63 38	71 46	60 46	65 45	41	40	70 47	70 52	68 46	74 43	48	77 52	72 55	73 50	65 47	67 40	76 44	82 56	83 56	84 59	75 58	71 61	81 64	59	78 53	61	60	
STEFFENVILLE	MAX	55	73 57	34	57 32	63 35	43	62 36	59 37	57 39		72 41	71	70 41	76 45	82 44	75 61	70 51	74 45	46	68 37	75 42	71 55	82 55	80 59	73 55	72 55	85 62	83 61	74 52			
SWEET SPPINGS	MAX	69	70 47	34	56 30	65 45	65 43	61 39	64 39	65 34	69. 34	76 37	75 43	72 41	76 39	42	78 53	74 56	78 47	71 47	70 34	79 40	81 58	89 59	83 57	72 54	75 55	86 64	79 59	76 48	74 53	86 66	73 46
TARK 10	MAX	51 38	49 8	47 31	53 28	66 32	68 45	60 33	62 37	64 34	70 35	74 42	45	74 46	78 46	52	76 60	69 49	72 47	66 43	70 41	76 49	85 60	82 64	67 58	67 46	74 53	82 61	80 53	69 48	75 53	79 60	70 45
TRENTON	MAX	62 56	65 52	52 35	55 33	66 38	67 48	66 37	61 42	64 48	70 42	76 48	74 45	73 46	77 49	83	76 51	73 50	75 50	68 43	69 40	76 46	81 62	86 59	78 59	70 54	73 56	69 55	83 64	82 54	72 53		71 48
UNION 1 SE	MAX	79 51	76 61	6 2 3 8	58 30	65 37	<b>6</b> 2	62 36	63 36	61 36		75 34	70 39	71 35	76 38	83 41	84 47	77 60	78 44	71 51	69 36	79 33	73 54	82 52	88 53	80 54	74 58	85 60	85 58	83 51	77 47	92 63	
UNIONVILLE	MAX	61 47	61 45	49 31	53 29	59 34	65 45	60 34	55 36	57 37	65 41	69 44	68 45	67 44	73 47	79 52	74 58	66 48	70 48	63 43	65 37	70 43	72 53	80 55	73 57	70 49	66 54	78 62	75 59	70 50	69 49	73 59	66 46
VANOAL IA	MAX																																
VERSAILLES	MAX			48 45	55 31	65 40	62 38	61 43	61 35	60 40	67 37	71 39	72 45	68 39		80 45	76 54		73 49	66 48	69 35	76 45	73 55	84 56	80 52			70 59	83 54			86 <b>6</b> 6	70 47
VICHY CAA AP	MAX MIN	76 54	71 43	50 34		65 41	63 45	58 45	61	60 37		71 44	69 47	68 42	73 46	79 54	80 57	72 55	76 52	64	63 41	76 47	73 52	83 54	82 61	69 56	72 58	83 62	82 59		73 57	88 62	70 46
WAPPAPELLO DAM	MAX	83	78	1		61	69 45	73 52	69	62 43	68	70 46	74 50	71 48	71 47	76 50	82 54	83 61	73 56	79 56	75 45	71 42	76 53	64 51	78 58	85 64	80 59	<b>7</b> 3	80 62			83 65	74 52
WAPPENSBURG CENT T COL	MAX	68	68	- 1	55	65 46	67	62	65	65	68	72 49	75 50	72 48	76 50	83	79	70 56	77 52	73	68	78 50	81 60	86 62	82 64	76 55	74 57	85 64	82	76 54		82 65	
WAPPENTON 1 N	MAX	78	76	73	58	69	61	58	63	57	68	72	71	75 43	82	81	80	80	76 46	72	66	76 41	74	83 53	85	79 50	76 57	88	86 61		77	92	74
WARSAW NO 1	MIN	80	73		57	67	68	64	39 65	65	71	75	77	75	79	85	79	71	78	70	72	80	86	89	85	77	79	87	78	82	79	88	75
WASOLA	MIN	73	65	55	54	68	67	64	72		70		70	77	39 83	80	50 81	76	52 78	72	70	77	78	85	55 87	83	56 75		84	84	78		74
WAYNESVILLE 2 W	MIN	62 78	72	5.8	56	37 66	72	50 62	40 66		69	46 73	73	72		58 82	82	75	76	71	42 68	78	57 77	53 85	59 86	87	82	85	63 84	81	78	88	75
WEBSTER GROVES	MIN	79		65	28	43 66	38	47 59	34 64	60	67	34 73	69	36 72	77	83	45 83	61 78	50 <sub>.</sub>	53	35 68	33 76	55 72	54 79	87	79	53	83	65 85	83	78	92	74
ME1NGAPTEN	MIN	56	63	37	30	66	41	65	41 61	61	41	43		47 72	47 78	49	56	50	49		40	76	73	56 78	59 89		76	62 81	61 81	56	54	64 90	74.
TO THE PARTY OF TH	MIN	56		46	33	47	40	49	40	54			47	44	50	54	58		50	50	39	41	51		59		56	63	61				51.

ble 5-Continued									D	AI	LLI	T	LI	AF.	LI	WI	Uı	رخارا	3													MAY	1954
																Day	Of	Mon	th														rage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
IT PLAINS	MAX MIN	74 60	69	54 34		66 38	74		69 39	66	68 36	71 40	68	73 42	76 42	80	81 50	72 60	77 51		70 39	74 36	72 55	82 52	86 55	82 63	72 62	79 64					
LLOW SPRINGS	MAX	73 55	72 56	56 38		65 39	74 41		6 8 3 7	63 37		73 38	72 49		77 39	82 44		73 61	76 52		69 39	75 34		82 50	78 52		71 60	80 65		81 57	79 49		73.2 47.9
NOSOR 3 NW	MAX	67 51	67	49 34	51 32	60	60		56 40	58 38		67 47	67 50	67 46	69 47	79 53		71 57	75 52		62 41	76 45	80 59	85 60	83 59		72 56	83 63			72 57		69 • 5 49 • 9

DAILA ACMOED VALIDES

M1550URI

#### DAILY SOIL TEMPERATURES

DEPTH	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
												CC	NCEP	TION																			
NCH	6PM	57	53	46	49	58	62	57	57	57	63	66	71	71	71	70	70	65	65	67	69	63	75	71	65	65	66	77	66	71	67	69	64.5
NCHE5	6PM	57	55	47	50	55	61	55	56	57	60	61	67	66	66	68	66	63	63	62	65	61	72	70	65	65	62	74	65	68	66	68	62.5
NCHE5	6PM	56	55	50	50	51	.55	53	54	54	55	57	59	59	61	63	63	61	61	60	60	60	64	65	64	63	61	67	64	64	63	65	59.3
NCHES	6РМ	57	55	53	52	52	53	54	54	54	54	55	57	58	59	60	61	60	60	59	59	59	60	62	62	62	61	62	63	62	62	63	58.2
NCHE5	6PM	56	56	56	53	55	54	54	54	54	54	55	55	55	57	57	58	58	58	59	58	58	59	59	60	60	60	60	60	61	60	61	57.2
NCHE5	6PM	54	54	55	54	54	54	54	53	53	54	54	55	54	54	54	55	55	55	55	56	56	56	56	56	57	57	57	57	57	57	58	55.2

Day of month

#### 51KE5TON CROP EXP FARM

_																																		
٨	INCH	6PM	71	69	60	58	61	63	60	63	61	64	65	61	62	70	71	75	67	71	65	69	73	64	75	80	74	72	75	78	74	78	80	68.7
3	INCHE5	6PM	71	68	65	63	64	63	65	65	65	66	69	65	65	71	74	75	69	73	70	71	74	64	74	80	75	72	76	77	75	77	78	70.3
16	INCHE5	6PM	70	67	65	63	65	63	65	64	65	67	69	65	65	68	72	73	68	71	70	69	76	64	71	76	73	71	74	74	74	75	77	69.3
٠2	INCHE5	6PM	67	66	64	62 -	62	61	62	62	62	63	65	64	62	63	6,5	67	66	66	66	65	65	63	65	68	69	68	69	69	70	70	72	65.4
24	INCHE5	6РМ	64	64	63	61	61	61	61	61	60	60	61	62	61	61	61	62	63	63	63	63	63	63	63	64	65	65	65	66	66	66	67	62.9
48	INCHE5	6PM	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	60	60	60	60	60	60	61	61	61	61	61	62	62	62	63	59.9
72	INCHE5	6PM	56	56	56	56	56	56	56	57	57	57	57	57	57	57	57	57	57	57	58	58	58	58	58	56	58	59	59	59	59	59	59	57.4

#### EVAPORATION AND WIND

Station																1	Day o	of mor	nth														
Junos		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
AB A WB AP	EVAP WIND MAX MIN		82 73	189	76 66	74 72	16 77	79: 66		84 62	31 73	39 78	33 77	50 79	41 83	9 89	39 84	38 61	33 83	71 75	34 80	30 82	60	77 89		82 82	73 75	55 91	54	51 84	45 81	63 87	77.7
E51DE	EVAP WIND	.08	.16	.19 128	.18	.15 57						.17	.19	.19	-22 48	.22			.19 41				.28					.09 51			.22		5.58 1605
LOUIS WASHINGTON UNI	EVAP					.17							26		.22 31	.21	.22 15	.16 30	.21 30				.17	.08 27	.18	.20	.15 16	.08	.19 35			-	5.068 8728

AND MIN IN TABLE 6 REFER TO EXTREMES OF TEMPERATURE DF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME DF DBSERVATION.

## STATION INDEX

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Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	aoi	Observer	Ref to tabl	9	Station	Index No.	County	Dramage !	Latitude	Longitude	Elevation	Obe	ac	Observer	1	efer to oles
Advancn 5 ESE Albaey Altoo Amity Amsterdam	0051 0127 0143	Stoddard Gentry Dregon DeKalb Satns	10	37 06 4 40 15 1 36 42 1 39 52 3 39 21	89 50 94 20 81 24 94 26 84 35	355 872 860 1620	5P 6P 6P	6P 7A 7A	Nello Moroni William J. Butlnr Edna E. Wall D. W. Colhour R. A. Kershenr	2 3 5 2 3 5 3 2 3 5	c c 7 c	Koshkonong La Hells Lakeside Lamar Lampe Fornat Service	463 469 470	5 Dregos 7 Lewis 6 Millnr 5 Barton 7 Stone	9 3	7 30	91 39 91 55 92 37 94 16 93 26	958 - 595 960	7A	7A 7A	Genavieve T Swith James M. Fishback S. S. Frame M. Aull Van Hofften Orley F. Scott	2 3 5 3 2 3 8 2 3 5 3	6 7
Anderson 1 SW Annapolie 7 SW Appleton City Arcadia Ashton 1 W	0179 0204 0224	McDonald iron St. Clair Iron Clark	116	36 39 37 20 39 12 37 35 40 27	90 37	1000 800 929	7P 6P 5P	7A 6P 7A	Ruth C. Hawkies Dpal G. Rutter F. Paul Eye Arcadia Collngn Glnn A. Woodruff	2 3 5 3 2 3 8 2 3 5	7 C C	Lampe 4 MME Lathrop 3 SW Lnbanon 1 EME Lnce Summit 1 M Lexington	477 482 484	2 Stone 3 Clinton 5 Laclada 6 Jackson 4 Lafayatta	9 3	8 56	93 24 84 23 92 39 94 23 83 53	1D80 1240 - 686	6P 6P 7A	MID 6P 7A MID 7A	Mrs. A. D. Rogers Cacil F. Haya Srndie D. Bareett Renjamin F. Saith William B. Culloe	2 3 5 2 3 5 2 3 5	
Auxvasse Ava Ranger Station Bedford 1 S Belleview Bernie	0365 0503 0539	Callaway Douglas Livingeton Iroe Stoddard	12	39 00 39 57 39 41 37 41 36 40	91 54 92 40 93 23 90 41 89 58	1090 300		7P 9A M1D 7A 7A	C. H. Hook U.B. Forest Service Harry B. Stephens Beulah M. Aiexaodnr Harold R. Summers	3 3 3 3	° c	Licking 4 M Liceous 2 B Livonia Lockwood Louisiaca Starks Nur.	497 501 502	9 Texas 6 Lind 4 Puteas 7 Dada 3 Pike	2 4	7 33 19 50 10 29 17 23 18 29	91 54 93 12 92 42 93 57 91 03	1277 835 - 1079 469		5P	Robert O. Damson Merle Bade Mra. 1cel M. Tada Mubert A. Wjeman Stark Sros. Mursery	2 3 5 2 3 5 2 3 5	
Setbany Birch Tree Slack 6 NW Sloomfield Solivar	0668 0695 0735 0789	Marrieon Shannoe Iroe Stoddard Polk	10	40 16 36 59 37 37 36 53 37 37	94 02 91 30 90 59 89 56 93 28	916 1000 1000 440 1071	5P 5P 7P 5P	7A 7P 7A	Carl W. Slaughter Mildred E. Catlett Dtto Goggin Gnorge E. Long SW Baptist College	2 3 5 2 3 5 2 3 5 3 3 2 3 5	7 7 7 C	Louislaea Lucarne Macadonia Lookout Macon Madlson	512 516 517	8 Pike I Puteam 4 RipIey 5 Macon 3 Monroe	1 3 2 3	19 27 10 27 16 45 18 45 19 28	91 04 93 18 90 54 92 28 92 12	875	7.A	9A 6P 7A	George A. Garner D. A. Broweing Roy C. Robinstt John S. Atwell Enos Sood	3 3 3 2 3 5 3	7 7
Booeville Water Worke Bowling Green Bradleyville Brookfinld Brueswick	0956 0979 0990 1037	Cooper Pike Taeey Liee Charitoo	12	7 38 59 38 21 36 47 39 47 39 26	92 55 93 05 83 08	650 - 767 652	7A 5P 7A	8A 7A 5P 6P	Boonvilln Water Dep Virgil Cook Elenr A. Huhhard G. F. Breen D. K. Bnnncke	2 3 5 3 3 2 3 5 2 3 5		Malden CAA AP Maldee 3 N Maesfield Marbin Sill Marshall	520 522 525	5 Dunklin 7 Ducklie 7 #right 3 Bellieger 8 9aline	10 12 6	36 36 16 36 17 06 17 19 19 07	89 59 89 58 92 35 99 58 83 11	295	6P	7A 7A	U.S. Civil Aero Adm Artbur Mc Glll Henry D. Brown silla S. Williams Municipal Utillties	3 2 3 5	
Buffalo Sunker Burlington Junction Butler Butler CAA AP	1101 1141 1145 1147	Dallas Reynolds Nodaway Bates Bates	7 9	37 39 37 27 7 40 26 9 38 16 9 38 18	95 04 94 20 94 20	- - 848 870	5P W1D	7A 7A	L. H. Mowertoe C. D. Highley Ralph B. Fuller Harley W. Johnson U.S. Civil Aero Adm	3 3 3 2 3 5 2 3 5	7	Warehfinld Martieshurg Maryvilln Maryvilln 7 NNW McCredie 2 W	531 534 534 541	7 Wehstnr 9 Audrain 0 Nodaway 5 Modaway 0 Callaway	7 7	7 20 19 06 10 21 10 25 38 58	92 54 91 39 94 52 94 53 91 58	1484 1168 1143	6P	6P MID	Bho-Me Power Co. Fr. H. Freewe R. B. Moetgowery Earl S. Trueblood Lelia S. Craig	2 3 5 2 3 5	
Camdentoo Cartoe Lock & Dam 20 Cap Au Gris Lock & Dam Cape Girardeau Mo State Cape Girardeau	1275 1283 1291 1296	Camden Lewis Liecoln C Girardeau C Girardeau	6	38 02 40 08 39 00 37 18 37 18		940 488 - 347 -	4P 7P 5P	7A M1D 5P 7A	Mo. Conserv. Comm. Lockmaster U. S. Eegieeers Teachers College Lee L. Albert	2 3 5 2 3 5 2 3 5 3	7 C	McCredie Exp. Station Memphia Mercer 6 NW Mexico Middletown 5 NE	549 551 554 556	5 Callaway 2 Bcotlaed 9 Mercer 1 Audraie 5 Pike	8 4 6 5	18 57 10 27 10 33 19 10 19 10	91 54 92 10 93 38 91 53 91 22	787 - 800 -	7A	7A 7A 7A	D.S. Soil Coeserv. John W. Alexander Oscar L. Hartley D. W. Woods Eloise M. Graham	2 3 5 3 2 3 5 3	
Caplinger Mills Carrollton Carthage Caruthersville Cassville Ranger Sta.	1340 1356 1364 1383	Cedar Carroll Jasper Pemiscot Barry	11	37 48 7 39 22 37 11 38 11 2 36 41	94 17 89 39	754 962 270	6P 6P 6P 5P	6P 7A 7A	S. E. Price Harold E. Finley Phil B. Davis Victor T. Malloure Florence A. Karow	2 3 5 2 3 5 2 3 5 2 3 5 2 3 5 3	7 C	Milan Millar 2 SE Moberly Radio KNCM Mountt Monroe City	559 567 570	8 Bullivan 4 Lawrence 1 Randolph 8 Barry 8 Monroe	10 6	10 12 17 11 19 24 16 55 19 39	93 07 93 48 92 26 93 55 91 44	1280 850 1310	6P 8A	MID 6P 8A	Charles E. Smith William A. Garoutte Radlo Sta. EMCM Kenneth G. Meuser J. S. Conway	2 3 5 2 3 5 3 3	
Ceetervilln Ceeterville Ranger Sta. Centralia Chadwick Charleston	1472 1482 1490 1540	Reymolds Reymolds Boone Christian Mississippi	1 6	37 26 37 26 39 12 36 56 36 56	90 57 90 57 92 08 93 03 89 21	11131	6P	8A 6A 7A 6P	Corda Jane Barrison U.S. Forest Service Earl W. Seymour Sylvia Fletcher Charleston Firn Dep	3 3 3 3 2 3 5	7	Mora Mornhouse Moselln Mountain Grove 2 N Mount Vernon 3 8W	576 591 583	4 Beeton 2 New Madrid 6 Franklin 4 Wright 1 Lawrence	5 3	18 32 38 51 18 23 17 09 17 04	93 13 89 42 90 54 92 16 93 52	497 1463	5p	4P 8A 8A	Emma M. Meyer J. A. Spence Ernest J. Foster Mo Prult Exp Gta mm. E. Kirchhoff	3 3 2 3 5 2 3 5	7
Chillicothe 2 S Chillicothe Radio KCH1 Clarksviile Lock & Dam Clearwater Dam Cliftoe City	1585 1640 1674 1704	Livingston Livingston Pike Wayne Cooper	6	39 45 39 48 39 22 37 07 38 45	93 33 93 33 90 55 90 47 93 02	771 - - 648 -	SS 4P	M1D 7A	B. D. Dupy Radio Statioe KC81 U. B. Eegineers U. S. Eegineers F. S. Needy	3 2 3 5 2 3 5 3	7 C C	Neosho Nevada New Boston New Florence New Madrid	598 599 600	6 Newtoe 7 Vernon 9 Lien 7 Moetgomery 0 New Madrid	9 4 7	36 52 37 50 39 57. 38 55 36 35	94 22 94 21 92 51 91 27 89 31	1011 862 - 880 295	5P	7A 7A 6P	D.S. Fisheriee Sta. Henry Kraft Gerald R. Rill Berbert B. Davauit Wnss Hensley	2 3 5 2 3 5 3 2 3 5 3	5
Clietoe 1 NNW Coloma Columbia WB Airport Conception Coecordia	1773 1790 1822	Benry Carroll Boone Hodaway Lafayette		9 38 22 4 39 31 7 38 58 7 40 16 7 38 59	93 47 93 33 92 22 94 41 93 34	779 1108 780	8A M1D 5P	7A M1D 5P	Loyd M. Millam Jewel S. Trussell U.S. Weather Bureau Fr. Adelhelm Sess Martio Brockmae	2 3 5 3 2 3 5 2 3 8	C 6 7 C	Dates Tower Odesea Dregoe Drngon 1 NE Dsceola 3 NE	635 635	3 Reynolds 9 Lafayette 7 Bolt 9 Nodaway 7 St. Clair	7 7 7 9	37 32 39 00 39 59 39 59 38 05	91 03 93 57 95 09 95 08 93 39	1093	āp:	7A 7A W1D	Etbel Sue Adams wm. E. Dougherty Jamee M. Curry Addie A. Burteett Sam B. Simmoes	3 3 2 3 5 3	7
Cook Statioe Craeo Mouetain Crocker Crystal City 1 H Cuha	1980 2004 2031 2043	Crawford Iron Pulaski Jnfferson Crawford	14	37 48 0 37 27 9 37 57 5 38 14 5 38 04	91 27 90 38 92 15 90 23 91 24	420	5P	9A 6P	Thomas J. Gorman Roy E. Thomlison Charles 1den Dscar F. Tidd Fr. C. J. Hornsey	3 3 3 2 3 5 3		Oweesville Dzark Dzark Beach Pacific Palmyra	645 646	8 Gasconade 2 Cbristiae 0 Taney 8 Franklie 3 Harion	12 :	38 21 37 01 36 40 38 29 39 48	91 30 93 13 93 07 90 44 91 30	1150		8A 7A	F. W. Buschmaee William L. Reed Empire Dis £1 Co Arthur D. Lewis Jesse E. George	3 3 2 3 5 3 3	
Danville 1 ENE Decring De Soto Dexter Doniphae	2156 2220 2235	Montgomery Pemiscot Jeffersoe Stoddard Ripley	10	7 38 55 0 36 12 6 38 09 0 36 47 1 36 37	91 31 89 53 90 34 89 58 90 50	830 255 - - 344	6P	7A 7A 6A	Edna L. Youeg Clareece E. Carnell Roy B. Dewey J. L. Jackson Boyce Lackey	3 3 3 2 3 5	С	Paris Parma Pattoeeburg Perry Perryville	653 656 663	9 Monroe 2 New Madrid 3 Daviese 3 Ralls 1 Perry	10 4 6	39 29 36 37 10 03 39 26 39 43	92 00 59 48 94 09 91 40 89 52	-	5P	7A MID MID	J. W. Reed Laura E. Morgae Wade D. Moody Rev. C. B. Greee John S. Hagen	2 3 5	
Doeiphae 2 W Dora Doweieg East Eed Edgerton	2302 2318 2408	Ripley Dzark Schuyler Iroe Platte	12	36 37 2 36 46 6 40 29 5 37 41 7 39 30		- - - 860	6P	M1D M1D	Gno. Saumgardeer Alta M. Deupree Edward L. Seeler C. D. Smith Velma L. Jackson	3 2 3 5	c	Pierce City Pleasaet Rill Polo Poplar Bluff Portageville	674 677 679	8 Lagrence 8 Cass 5 Caldwell 1 Sutler 9 New Madrid	9 7 1 6	36 26	94 00 94 17 94 02 90 23 99 41	332	7P 5P	6A 7A	John P. Davis Dean T. Enorpp Ralpb C. Ulbright D. M. Richardsoe Portageville Rev.	3 3 3 2 3 5 2 3 5	
Edica Eldon Eldorado Spriegs Elljah Ellington	2503 2511 2519	Keox Willer Cedar Ozark Reyeolds	12	6 40 10 7 38 20 9 37 52 2 36 36 1 37 14	92 10 92 35 94 01 92 09 90 59	934	5P	6P 7A	Paul D. Pettit Arthur Rothwell Clyde J. Snodgrass Loyd Price S. Phronia Sanders	3 2 3 5 3 3 3	с	Potosi 2 S Priecetoe Puxico Qulio Reynolds	686 693	6 Washington 6 Mercer 4 Stoddard 0 Sutler 4 Reyeolds	10	37 54 10 24 36 57 36 36 37 24	90 47 93 36 90 10 90 15 91 05	315	SP	SP 7A	Artbur M. Richl Glen L. Swaeberg J. W. Steinmeier Torrence J. Johes Effie V. Hill	2 3 5 3 3 3 3	
Ellsinore 1 N Elsherry Eminence 3 NNW Fairfax Farmington	2591 2617 2729	Carter Lincoln Shannon Atchison St. Fraecols		1 36 57 6 39 10 1 37 11 7 40 20 0 37 47	90 45 90 47 91 23 95 24 80 26	800 449 1250 - 996	8A 7P	8A M1D 7A	Lloyd M. Privntt Soil Conserv. Serv. Thomas J. Chilton Dillard A. Price F. M. Karsch	3 2 3 5 3 2 3 5	c 7 c	Richmoed 7 N Richwoode Ridgeway 1 SE Roby Rogersville 1 ENE	712 713 721	4 Ray 2 Wachington 0 Harrison 4 Texas 5 Webster	5 3	39 23 38 09 10 22 37 30 37 07	93 58 90 50 93 56 92 08 93 03	-		7A M1D 7A	Orelia E. Smith Elma M. De Clue Keith Jacksoe Roy E. Daeiela Euyla V. Brackee	3	
Farmington CAA AP Fayette Fisk Forsyth Fountain Grove Wildlifn	2823 2881 2975	St. Fraecoie Boward Sutler Taney Llvingston	10	7 39 09 0 36 47 2 36 41 4 39 42	93 06 93 18	760 330	6P	6P 7A 7A	U.S. Clvil Aero Adm Irvle E. Schnell Jesse L. McKinzie Dtto Keeyon Mo. Coos. Comm.	2 3 5 2 3 5 3 3 2 3 5	с	Rolla School of Miees Rolla 5 SE Rolla 3 W Rolla 4 SE Rolla 7 S	726 726 726	3 Phelps 4 Phelps 5 Phelps 6 Phelps 7 Phelps	5 3 5	37 57 37 54 37 57 37 56 37 51	91 43 91 46	970		MID MID WID	School of Mices Walter W. Snelsoe Leslie R. Vederwood Mrs. B. P. Light Gertrude Poezer	2 3 5	
Fredericktown Fremont Tower Fulton 4 8W Galena Gallatin 2 NE	3052 3079 3094 3102	Madison Carter Callaway Stone Daviess	14	0 37 34 1 36 58 7 38 51 4 36 48 4 39 56	93 28 93 57	720 - 819 1025	8A	7P 8A 7A 7A	R. H. Leslie U.S. Forest Sprvice F. E. Rillgarther Harold D. Stewart Frack Rershberger	3 3 2 3 5 3 3	С	Round Spring Saint Charles Saiet James 3 NW Saiet Joseph WB AP Spint Louis B AP	739 742 744 745	9 Shaeoon 7 St. Charles 4 Phnlps 0 Buchanae 5 Saiet Louis	7 : 7 : 7 : 7 :	17 18 18 47 18 01 19 46 18 45	90 29 91 40 94 55 90 23	1005 809 552	MID MID	7A MID MID MID MID	C. E. Jones Charles J. Koenig William S. Joees U.S. Weather Sureau U.S. Weather Sureau	235	7
Gerald Gower 2 N Granby Grant City Greenville 4 NNW	3300 3341 3369 3451	Franklin Clinton Newton Worth	10	5 38 24 7 39 39 8 36 55 4 40 29 0 37 11	94 36 94 15 94 25 90 28	985 1160 1134 410	6P	7A 7A 7A	Edwin 8. Vemmer Patricia W. Grinr Mildred B. Satcher J. Momnr Korn C. L. Rubottom	3 2 3 5 2 3 5	c 7 C	Saiet Louis WB City Saint Louis Universit Saiet Louis Wash. Uni Salem Salishury	y 746 v. 747 750 751	O St. L. City 5 St. L. City 0 St. L. City 6 Dnnt 4 Charitoe	6 5 5 2	17 38 19 26	90 14 90 19 91 33 92 48	578 537 1206 723	7P 6A 7A 6P	7P 8A 7A 5P	U.S. Weather Bureau St. Louis Ueiv. J. Ropp R. Srust E. B. Martin David S. Sobertson	2 3 5 2 3 5 2 3 5	6
Gregory Landing Grovespring Mailey Manden 2 NE Sancihal	3483 3531 3585	Clark Wright Barry Chariton Marion	1	6 40 16 3 37 24 2 36 42 2 39 36 6 38 42	92 37	759		8A 6P M1D	Alhert J. Ruddick Roy W. McNeley William Madison Mary M. White Grovnr C. Van Dyke	3 3 3	7 C	Saverton Lock & Dam 2 Sedalia Sellgman Seneca Seymour 4 NNE	763 764 765 787	8 Ralls 2 Pettia 5 Darry 6 Newton 4 Wnhetnr	7 8 8 12	18 42 16 31 16 50 17 12	92 45	1542 1640	7P 5P	7A WID 7A	Lockmaster Dr. J. E. Caenaday Floyd E. Fawver Vosea N. Barrisoe Claudn E. G.rfit	2 3 5 2 3 5 2 3 5 2 3 5	
Mannihal Water Sorkw Marria Harrimoeviile Razlogreen 2 W Henrietta	3841 3848 3713	Warion Sullivan Case Lacledn	1	8 39 41 4 40 18 9 38 39 3 37 48 7 38 14	93 21 94 20 82 27 93 56	904	6P	M1D 7A	Rogar C. Higgins John E. Miller J. B. Pattarson Mclvin R. Gallice William R. Harrison	2 3 5 2 3 5 3	7 C C	Shelbiea Shelbywille 9ikeston Sikeston Crop Exp Fm 9iloam Springs	772 777 777 778	0 Shelhy 8 Shnlby 0 Scoit 2 New Madrid 0 Hownii	6 6 6 12 3	6 51 6 48	92 02 89 35 89 35 92 04	779 - 318 - -	7A 5P	5P 7A 5P 7A	Drville L. Payae Emmett L. Goe Lucy W. Humphreys Carl D. Luper Bess M. Syers	2 3 5 3 2 3 5 2 3 5 3 3	
Mormann Mersiiage Righes 5 5 Highpoint 2 5W Morosraville	3799 3835 3845	Gasconnde Hickory Moward Moeitnau Dunklin		7 38 42 9 37 5B 7 39 14 7 38 28 0 36 03	93 19 92 30 92 37	-	8P	8P M1D M1D	Joseph Wunderlich Marol: E. Carlstrom Milda M. Hargis Mrs.John E. Dutcher Ballie E. Perkins	2 3 5	ccc	Skidmore Speed 2 W 9pring City Springfield WB AP Stanberry	796 796 797 800	3 Nodaway O Cooper 7 Newton 6 Greene 3 Gnntry	7 8 9 9 4 9	6 59 7 14 10 12	92 50 94 32 93 23 94 33	1285	итр	W1D WID	Nina B. Gnyer Richard E. Stegeor Gladys J. Cameron U.S. Weather Suranu R. Truemao Wagers	2 3 5	7 (
Houston B SE Jackson Jwff City Radio KWOS Jeffwreun City	4021 4226 4271 4276	Texas 1 7exas 5 C Girardeau 1 Cole 6 Cole		3 37 20 3 37 19 6 37 23 7 36 35 7 36 34	91 58 8B 40 92 12 82 11	428 557	5P 9P	5P 7A 7A	The Houston Horald Elenor Johnson Danny Sieberi KWDS Radio Farm Robt. R. Benderson	2 3 5 2 3 5 3	c 7 c	Steelvilla 2 N Steffeeville Stet 6 8g Stovwr Sullivan 5 E	605 608 811 817	3 Crawford i Lowie 3 Carroll 2 Morgan i Franklin	6 3 7 3 5 3	19 58 19 21 18 27 18 13	93 41 93 58 81 04	1110		7A M1D 7A 7A	Alfred E. Goodman Fannie V. Gresa Edward Stevess H. Kyle Vickrey George J. Huassae	2 3 5 3 3	7 (
Jurome Jewett Joplin (AA AP Kahoks Kanasa City SM Airport	4299 4315 4349 4359	Phelpa Hindiaon Jaapar Clark Clay	14	3 37 56 0 37 23 8 37 10 6 40 25 7 39 07	90 29 94 30 91 43 94 35	882	MID	MID MID BA MID	Louin F. Brinkley Fred Goelkni U.S. Civil Aero Ads Weslay E. Hayden U.S. Weaihor Sureau	2 3 5 3 2 3 5	7 7 C	Summoraville Summar 2 SW Sweet Springs Tarkio Tecumech 2 N	81 8 922 828 831	4 Taxas B Livingston 3 Saline 9 Atchinoe 3 Dzark	4 3 7 3 7 4 12 3	B 37	81 40 83 17 93 25 95 23 92 17	-	6P	7A 6P 6P 7A	Ruth W-11 John W. Guilford Hurbart F. Nelsen Jr Laeter S. Mortoe Ray U. Hunt	3	
K.C. St John & Eiwwood K.C. 75th & Molmea K.C. 37th & Raytown Rd Kanasa (ity U. of K.C Kewnett Radio KBOA	4309 4374 4371	i Jackson 3 Jackson i Jackson 9 Jackson 7 Dunkiin		7 39 06 7 39 00 7 39 03 7 30 02 0 36 13	94 35 94 30 94 35 90 04	808 265	6P 5P	MID	Leater Applogatn Lowthr Applegatn Leeter Applogats University of K. C. Radio Sta. KBDA	2 3 5 2 3 5	0000	Topnz 4 NR Tranton Troy Tyrone 2 N Union 1 8E	044 845 049 851	2 Douglas 4 Orundy 5 Lincoln 8 Taxae 5 Franklin	6 3 5 5	18 59 17 12 18 27	92 12 93 37 90 59 91 53 90 59	360	OP	"	Earl 1. McMillan W. H. Eatwa Rohnrt L. Nichols Lovenw A. Marrison Cornalius Siegas	2 3 5 3 5	7 0
Keytraville 4 ME K-ddar Rieg City K rhavii'w Radio KIMX K rravillw (AA AP	446 450 454	9 Chariton   Caidwell   Gentry   Adair   Adair	1	2 39 27 4 39 47 7 40 93 6 40 13 6 40 06	94 06 94 31 92 35	1010 1095 966	AP	7A 6P	Percy W. Ryan Swth B. Look John M. Martis Dow Jonea U.S. Civil Awro Adm	3 2 3 5 3 2 3 6 2 3 6	7 C	Unionvillo Valley Park Vnn Buren i B Vandallo Vanzant 4 SF	856 856 857	3 Putnam 1 Saint Louis 9 Carier 7 Audrain 5 Douglns	5 3 1 3 8 3	8 33 6 58 9 18	93 00 90 29 91 01 91 30 92 18	1062 410 500 766	5P	7A 7P 5P	George D. Choata Ray C. Entes Junior R. McSpadden Maosi K. Stouta C. D. Smith	2 3 8 3 5 3 5 3	

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#### STATION INDEX

MISSOURI

Frank																						WAY 1954
Station	Index No.	ounty	Drainage i	Latitude	Longitude	Elevation	Temp.	ion	Observar	t	ster to oles	Station	Index No.	County	Drainage:	Latitude	Longitude	Elevation	vai	ion ns	Observar	Refsr to tables
atiles y 2 58 y CAL AP na 3 NV a Ridge 3 NV	#803 Worg ##12 Wart #614 Wart #630 Wart #630 Fran	00 00	5 38 3 38 9 38	08	92 31 91 44 91 46 92 00 90 55	1032 1040 1125	3p ¥10	#10 #10	Gene N. Bartram Virginia F. Huffsan U.S. Clvii Aero Adm James McKineey Viccest Hellmsn	2 3 5	7 C C C											
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ATMACE CODE 1 Clack 2. Chariton 3. Gascocade 4. Graed 3. Meramec 6. Mississippl 7. Miscouri 8. Neocho 9. Osage 10. Saint Francis 11. Saline 12. Sprieg 13. Tarkio 14. White

#### REFERENCE NOTES

four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers his a state.

ures and latters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

ervation times given in the Station Index are in local standard time.

ayed data and corractions will be carried only in the June and December issues of this bulletin.

tion names appearing in tables, but for which data are not listed, sre either missing or received too 1ste to be included in this issue.

ess otherwise indicated, dimensional unite used in this bulletin are: tempersture in °F., precipitation and evaporation in inches, and wind movement in miles.
The days are based on a daily average of 65°F. Evaporation is messeured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise above by
though following Table 6.

et and hail were included in snowfall averages in Table 1, beginning with July 1948.

wata in Tabla 3 are from non-recording gagss, unless otherwise indicated.

a ia Tables 3, 5, 6, and snowfall data in Table 7 ars for the 24 hours ending at time of observation. See the Station Index for observation time.

wos ground in Table 7 is at observation time for all except Westher Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR II Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of al variability in the enowpack result in apparent inconsistencies in the record.

- Data in the column formerly headed "No. of Days .01 or mors" have been changed to "No. of Days .10 or more" effective Jenuary 1, 1954.

  No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

  And also on a later date or dates.

  Amount included in following measurement, time distribution unknown.

  Gage ie equipped with a windshield.

  Adjusted to a full month.

  Data for recorder stations, demots by "C", are processed for special purposes and published later in Hourly Precipitation Dats.

  Water aquivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

  One or mora days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to rapresant the value for the full month.

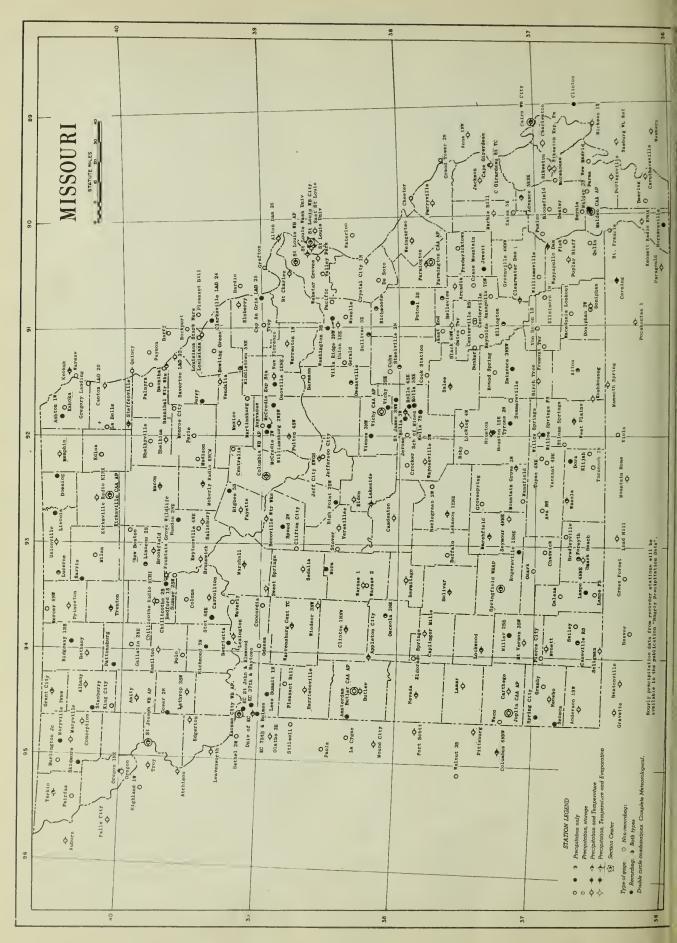
  Amounts from recording gage (these amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

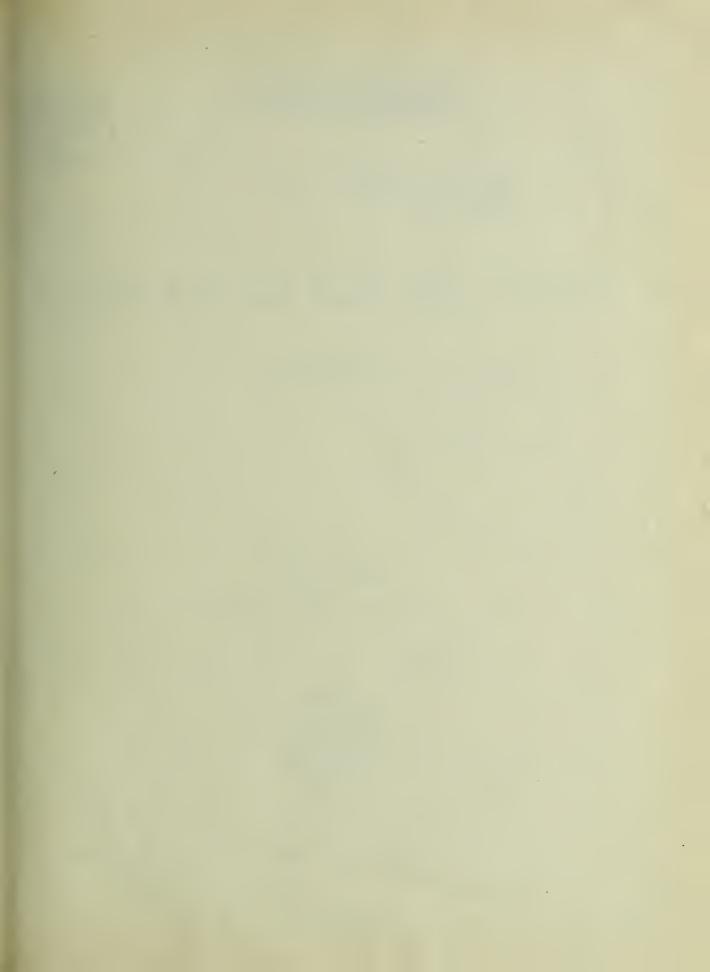
  Trace, an amount too email to measure.

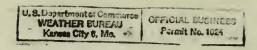
  Includes total for previous month.

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nat. West.

# U. S. DEPARTMENT OF COMMERCE SINCLAIR WEEKS, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

## CLIMATOLOGICAL DATA

**MISSOURI** 

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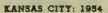
AUG 26 1954

UNIVERSITY OF ILLINOIS

JUNE 1954 Volume LVIII No. 6







C. E. Lamoureux, Section Director - Des Moines, Iowa

#### WEATHER SUMMARY

This was the third consecutive June in Missouri which was both warm and dry. It was the third warest June in the last 20 years and the 10th warmest over the period of statewide records beginning 1888. In general the first five days of the month were cool, but temperatures during the remainder of the month were consistently above normal in the southeastern two-thirds of the state, with only 1 few days slightly below normal in the northwest third. There were 17 to 19 days with afternoon teperatures 90° or higher, while at Kansas City there were five days, the 25th through the 29th, with temperatures 100° or higher. Maximum temperatures of 101° on the 25th at Kansas City and on the 25th at Springfield established new records for those dates. The highest temperature reported in the 18 was 108° at Union on the 27th. The lowest reported occurred early in the month, 41° at Anderson, Hermitage, Ozark Beach and Princeton.

Precipitation for the state averaged 3.21 inches, which was 1.59 inches below the normal for June. general, amounts above normal occurred over the east-central portion of the state, --from the east-cent of the Lake of the Ozarks northeastward to Louisiana and southeastward to Cape Girardeau--, are the extreme northwest corner of the state. A few localities reported more than 8 inches for the material with the maximum amount, 9.92 inches, falling at Owensville. Over the remainder of the state amounts were generally below normal, with a marked deficiency in rainfall reported from the southwestern centies. Many localities in the extreme southwest reported less than one inch for the entire month, in the least amount, 0.51 inch, reported from Carthage.

The month opened with a succession of two low pressure centers followed by an extensive high presse system which dominated the weather throughout Missouri until the 7th. This sequence of weather gas the state general showers early in the month followed by fair, cool weather, with below normal temeratures lasting through the 5th. For the rest of the month temperatures were consistently near norm or well above the normal. Widespread showers occurred on the 8th and 9th in connection with a weater front which lay across the state. On the 15th showers which were widely scattered occurred in conscition with a small low pressure system which developed over eastern Iowa. But for the rest of the outshowers were generally light and widely scattered. Beginning on the 23rd, a weak high pressure system drifted slowly from the Great Lakes southward to the Gulf region, attended by persistently high teem atures over Missouri from the 24th through the 29th. The heat was especially severe in the Kansasit area where the temperatures for the five day period, the 25th through the 29th, attained 100° or has each afternoon and did not drop below 80° at night. Light and scattered showers the last two days of the month gave slight relief from the heat.

The first half of the month was very favorable for agriculture in Missouri, but the hot, dry weath during the latter half caused a deterioration particularly of hay and pastures. During the first set corn planting was virtually completed, and three-fourths of the soybean planting was completed wel ahead of the normal. Cotton in the southeast was up to good stands, and chopping was well under w. Rains caused some damage to alfalfa early in the mont. At the mid-month the condition of crops i general was excellent, with the small grain harvest getting under way. Also the harvest of bluegris seed in the northwestern counties had begun. As the dry weather the latter half of the month begate the felt, it was evident that the weather was favorable for one of the more serious pests,--grashoer These insects were reported in large numbers. But the pastures began to burn under the hot sun, e pecially in the southwest. Cotton began to bloom in the southeast and much of the corn acreage wa "laid by" for the season.

As the month closed estimates were made of the small grain harvest, with record yields indicated for both wheat and oats. The wheat yield was estimated at 27.5 bushels to the acre, compared with 26.0 bushels in 1953. The yield of oats was estimated at 35 bushels to the acre, with the total production up 52 per cent over 1953. Hay had definitely been damaged by the hot, dry weather. Prospect were good for corn, but here again the hot, dry weather was beginning to damage the crop. Two minima crops in Missouri are bluegrass seed and orchard grass seed. Production of bluegrass seed was more than 2 1/2 times that of 1953, with the heaviest production in the west-central counties. Only a light crop was reported from the northwest, normally the heavy producing area for Missouri. The production of orchard grass seed was the smallest since 1938. Harvesting of this minor crop had beguing Missouri about the 19th of the month.

#### SEVERE STORMS

On the 2nd of June a small tornado moved from the vicinity of Chillicothe to five miles north of Wheeling. There was minor damage to small buildings and to wheat fields. On the 8th a severe hai storm affected two areas in Pemiscot county between Hayti and Wardell. Crops in the area were severely damaged by the hailstones which were reported to be the size of "hen eggs". In the evening of the 14th a small tornado was seen to cross the Santa Fe picnic grounds near La Plata. Only mind damage occurred. Also on the 14th minor damage resulted from a windsquall which moved from the vicinity of Bogard to the vicinity of Tina in Carroll and Saline counties. On the next day, the 15th another small tornado was seen in the vicinity of Napier. A pumphouse was unroofed, and other very minor damage was reported.

Late in the month several wind and hailstorms were reported which caused more extensive damage that the small tornadoes of the first half of the month. On the 28th local wind and hailstorms were reported in central Missouri, the most severe of which damaged trees and buildings on five farms east and northeast of New Franklin. Minor damage was reported in southern Callaway county. On the 29th a wind and hailstorm caused damages estimated at \$25,000 at Willow Springs. The damage was mostly to roofs and to glass. On the last day of the month a hailstorm was reported in northern Audrain county, with hailstones the size of hickory nuts.—CEL

## SUPPLEMENTAL DATA

MISSOURI JUNE 1954

	Wind	direction		Wind m.	speed p. h.		Relat		idity ave			Numl	per of d	ays with	precip	itation			
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fasteet mile	12:30A CST	6130A CST	12: 30P CST	6130P CST	Trace	010.	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover
LUISIA HS AIRPORT	\$5E	24	8.5	34	NW	1	75	79	53	55	5	4	2	1	1	0	13	81	5.0
NSAS CITY WB AIRPORT	5	29	11.2	47	N	9	66	73	49	42	4	4	2	0	2	0	12	77	4.8
JOSEPH WB AIRPORT	-	-	11.5	59	NW	21	-	78	51	48	2	4	3	1	2	0	12	81	4.5
LOUIS WE CITY	5 †	22†	11.5	42	\$W	15	70†	72†	46†	52 <b>†</b>	3	. 4	3	3	0	0	13	78	4.6
INGFIELD WE AIRPORT	\$	29	11.8	38	SW	15	77	81	50	52	4	2	3	0	0	0	9	82	4.7

†--airport data

#### COMPARATIVE DATA

																				JUNE
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erages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

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Station					rlure Normal					Days	Me	o. of	Day			Normal	Day		Snow,	Sleet, F	liail
		Average	Аvетаде Міпітит	Аvетаде	Departure From Nor	Highest	Date	Lowest	Date	Degree D	10 0	32° or Below	. r		Total	Departure From Nor	Greatest 1	Date	Total	Max. Depth on Ground	Date
ORTHERN DIVISION																					
BANY ITY THANY OOKFIELO JNSWICK TION L ANO 0 20 RROLLTON LULICOTHE RADIO KCHI LUMBIA WB AP VCEPTION SBERRY FETTE JNTAIN GROVE WILOLIFE TON 4 SW NTY CITY VNIBBA WATERWORKS SAS CITY WB AP	R	87.5 87.0 87.8 91.6 89.6 87.1 89.4 87.8 88.2 87.7 88.5 89.9 88.0 88.0 88.0 88.0 88.0 88.0 88.0	64.3 64.6 63.6M 66.4 67.1 66.0 64.7 63.6 66.2 64.2M 63.9 64.8 64.6 64.1 65.5	75.9 75.8 75.7M 79.0 78.4 76.6 77.1 75.7 77.2 76.0M 76.3 76.3 76.1 77.5		100 106 101 101 103 100 102 100 102 105 100 99 105	25 26 25+ 25+ 26+ 26- 26- 26+ 27 26- 27 26- 27 26- 27 26- 27 26- 27 26- 27 26- 27 26- 27 26- 27 26- 27 26- 27 27 28- 27 28- 28- 28- 28- 28- 28- 28- 28- 28- 28-	45 45 47 49 48 47 46 46 46 47 46 47 46 47 46 47 46 47 46 47 46 47 46 47 46 47 46 47 46 47 46 47 46 47 47 47 47 47 47 47 47 47 47 47 47 47	4 4 4 4 4 4 4 5 4 4 4 4 4 4 4 4 4 4 4 4	22 18 28 16 14 20 21 22 20 19 21 19	14 13 16 20 17 14 17 15 17 14 17 19 17 16 17 18 18	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.30 4.77 4.12 2.37 2.07 4.96 3.12 3.03 2.42 4.10 4.11 3.38 2.19 3.33 5.20 1.93 3.33 5.20	- 1.94 - 2.23 - 0.94 - 3.04 0.18 - 1.70 - 2.48 - 0.76 - 0.06 - 0.06 - 2.38 - 1.07 0.20 1.97 - 1.38	0.90 0.84 0.48 0.79 0.63 2.37 0.87 0.89 1.10 0.95 1.68 1.03 0.91 0.77 1.88	9 9 1 2 16 1 2 9 9 1 1 3 2 14 1 15 15	0.0 T T 0.0 0.0 0.0 T T 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	000000000000000000000000000000000000000	
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CABLE 2 - CONTINUED

				Ten	npera	ture									P	recip	itation				
				7					85	No.	ol l	Days		-	A		Snow,	Sleet, I	lail	No. of	Days
Station	. 8	. 1		rture Normal					Days	Max		Min.		ture Normal	it Day			r. Depth Ground		O S	
	Average	Average	Average	Departure From Nor	Highest	Date	Lowest	Date	Degree	90° or Above	Below	Below Below	Total	Departure From Nor	Greatest	Date	Total	Max. Do	Date	.50 or More	ق
APE GIRARDEAU MO ST ARUTHERSVILLE MARLESTON LEARWAYER OAM MYSTAL CITY 1 N OA PHAN ADMINGTON AMM INGTON CAA AP REENVILLE 4 NNW STON ALKSON EVERT RADIO KBOA OSM CONCOMG ICKING A N ALOEN CAA AP ARBLE MILL EOPLAR BLUFF ORTAGEVILLE OPLAR BLUFF ORTAGEVILLE OPLAR BLUFF ORTAGEVILLE OPLAR BLUFF ORTAGEVILLE OPLAR BLUFF ORTAGEVILLE OPLAR BLUFF ORTAGEVILLE OPLAR BLUFF ORTAGEVILLE OPLAR BLUFF ORTAGEVILLE OPLAR BLUFF ORTAGEVILLE OPLAR BLUFF ORTAGEVILLE OPLAR BLUFF ORTAGEVILLE OPLAR BLUFF ORTAGEVILLE OLLA SCHOOL OF MINES AINT LOUIS WAS HUNI ALEM "RESTON CROP EXP FARM MION 1 SE ICHY CAA AP APPAPELLO DAM EBSTER GROVES EINGARTEN STF PLAINS ILLOW SPRINGS DIVISION STATE	89.2 91.0 91.4 91.2 91.3 88.9 91.0 91.6 92.3 91.6 92.3 90.7 90.4 90.7 90.4 90.7 90.4 90.6 91.8 90.0 92.3 90.6 93.8 90.7 90.6 93.8 90.7 90.6 93.8 90.7 90.6 90.7 90.6 90.7 90.6 90.7 90.6 90.7 90.7 90.7 90.6 90.7 90.6 90.7 90.7 90.7 90.7 90.7 90.7 90.7 90.7	64 · 2M 68 · 3 76 · 1 62 · 4 62 · 2 62 · 2 62 · 2 63 · 2 65 · 0 64 · 5 65 · 5 67 · 5 62 · 0 67 · 7 68 · 3 70 · 0 69 · 9 63 · 5 66 · 6 67 · 7 68 · 3 66 · 6 67 · 7 68 · 3 66 · 6 67 · 7 68 · 3 68 · 3 66 · 6 67 · 7 68 · 3 68 · 3 66 · 6 67 · 7 68 · 3 68 · 3 66 · 6 67 · 7 68 · 3 68 · 3 66 · 6 67 · 7 68 · 3 68 · 3 66 · 6 67 · 7 68 · 3 68 · 3 66 · 6 67 · 7 68 · 3 68 · 3 66 · 6 67 · 7 68 · 3 66 · 6 67 · 7 68 · 8 68 · 3 66 · 6 67 · 7 68 · 8 68 · 3 66 · 4 67 · 7 67 · 7 68 · 8 68 · 3 66 · 4 67 · 7 67 · 7 68 · 8 68 · 3 66 · 4 67 · 7 67 · 7 67 · 7 67 · 7 67 · 7 68 · 8 68 · 7 69 · 9 60 · 9 60 ·	76.7M 79.7 78.8 76.8 76.8 77.6 77.6 77.6 77.6 77	2.4 .2.3 4.8 4.3 3.8 5.1 4.8 3.3 4.9 3.4	103 101 106 101 100 101 102 102 104 98 100 103 101 102 103 101 102 104 100 103 101 100 103 100 100 100 100 100	27 27 27 26+ 27 27 27 227 227 227 227 227 227 227 2	46 51 48 44 44 44 43 43 45 45 45 46 46 46 46 47 48 48 48 48 48 48 48 48 48 48 48 48 48	55555555545555555444555544555	5 4 7 8 9 12 24 6 7 7 2 2 4 8 6 9	222 222 222 221 118 122 221 122 221 122 221 122 221 122 221 122 221 122 221 122 221 122 221 122 221 122 221 122 221 221 221 222 222 222 223 224 224 225 226 226 226 227 227 227 227 227 227 227		000000000000000000000000000000000000000	3.95 1.16 3.96 3.97 4.48 4.48 4.45 0.93 1.48 5.78 1.72 5.86 3.18 5.24 2.71 2.75 3.62 2.71 2.75 3.62 2.71 2.75 3.62 3.92 5.01 4.97 4.36 2.92 5.70 4.93 6.93 6.93 6.93 6.93 6.93 6.93 6.93 6	- 0.35 - 2.65 - 2.43 - 0.69 - 0.95 - 0.72 - 3.02 - 1.22 - 3.02 - 1.38 - 0.56 - 0.03 - 1.66 - 1.05 - 0.03 - 1.82 - 0.36 - 1.78 - 0.92 - 3.93 - 0.26 - 0.54 - 0.95 -	1.85 2.09 1.81 .73 1.60 0.22 0.90 1.78 0.55 2.45 2.70 1.97 1.15 2.11 0.86 1.03 1.32 1.61 1.15 1.10 0.95 1.24 1.11 1.10 0.95	3 8 8 23 9 3 3 3 8 13 13 13 10 2+ 15 15 3 10 9 8 10 9 23 15 3 29	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	000000000000000000000000000000000000000	•	7 2 1 1 2 4 2 2 2 4 2 2 4 2 2 2 4 2 2 2 4 2 2 2 4 2 2 2 2 4 2	C 2 2 1 2 2 1 2 2 1 2 2 1 2 2 2 1 2 2 2 2 1 2

DATA RECEIVED TOO LATE TO BE INCLUDED IN DIVISION AND STATE MEANS.

Table 3					_																					-		-			UNE 1
Station	Total	1		3	4	5	6	7	8	. 9	10	11	12	Day 13	7 of m	ionth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
AOVANCE 5 ESE	2.81	1	2	.56	4	3	6	_′_	1.25	.52	10	11		10	4.7	.07	.26	.25				.10		.15				-			
ALBANY ALTON AMITY	3.30 1.38 4.77	.30 .19	.70	.16 .04	.02		т	т	.10	.90 .07			.19	т	Ť	.53	.05	.35	.08	•02			.73	.48							• 05 <sub>1</sub>
ANDERSON 1 SW	.56	.05		•25	т			.06	2.42	т	•96						. 22							.63							
ANNAPOLIS 7 SW APPLETON CITY ARCADIA	5.18 1.32 5.36			.89 .48	'		ļ	т	3.42		1.05		. 35				.23	т		т				.18							
AUXVASSE AVA RANGER STATION	2.50	.85 .26	.50	·11					.09	.10			+03			.73	.08	.05					•09	.09						•03	· 56
BELLEVIEW BERNIE	4.93 2.71	•55		.89 1.04					1.02	.58	1.26						1.21	•02	.04					T .06							
BETHANY BIRCH TREE	1.48	.88	.48	•51 •49 •33	.05			•03	2.25	.61			•54			.15	.71	.05	.07				Ť							.40	
BLACK 6 NW BLOOMF1ELD	4.82 3.56	.40	.10	1.05					ø85	.38	88					•••	.28							.12							
BOLIVAR BOONVILLE WATER WORKS	2.32 3.70	.65	.23 .38	. 96			.01	.27	. 29	T .02	.77		Т	.04	.04	.03	.63 .16						۰05							.18	.77
BOWLING GREEN BRADLEYVILLE	4.07	-	-	- 76	-	-	-	-	-	-	~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BROOKFIELO BRUNSWICK BUFFALO	2.37 2.07 3.21	.09 .12	.79 .20	.04 .57			-		1.03	.43				.06	.02	.08	.63 .06												1	.72	.07
BUNKER BURLINGTON JUNCTION	6.39	-	.30	- 22	-	-	-	-	-	1.02	-	-	.08	-	-	.72	. 73	• 25	-	-	-	~	1.10	.13	-	-	-	-	- '	-	-
RUTLER RUTLER CAA AP	2.10		1.50			.03	.02	•05	.02				.49	.02		. 01	.01														T
CAMOENTON CANTON L AND O 20	3.48 4.96	2.37	*15 T	• 03		•••	.04 .07	.03	• 20	1.17	.04		.40			. 34	. 60						т_								.35 1.33
CAPE GIRAROEAU MO ST	3.95		•01	.96					.64	. 85	.04			•21	. 43	•09	•12	• 02						.81 1.13							
CAPLINGER MILLS CARROLLTON	3.61	.06	.17	Т	.01		T .01		.45	.51			2.00	•06	. 4B		.79	.03		т											
CARTHAGE CARUTHERSVILLE	1.16	.12	•02	• 09 • 68					.18	.41	т			.10		1	т	т			т			т				т			
CASSVILLE RANGER STA	1.80	.18		. 83	т			.01	.56 3.79		.45			• 23			. 39	.02						.04							. 82
CENTERVILLE RANGER STA	2.62	.17		.90 1.55					3.85		•66			0.6		- 1	.36 .70	.08					.02								1.00
CHAOWICX CHARLESTON	3.23	.80	.27	1.00					1.21	.85	•02			.86		.46	Т				т			.15							T
CHILLICOTHE 2 S CHILLICOTHE RADIO KCHI	3.03	1.70 .24 T	.65 .79	.46	Т					.58 .89	T		, 02	.08	2.2	.69	.67 .26	.02	Т				т	1.90							
CLEARWATER OAM CLIFTON CITY	4.12	.40	. 47	.78					.63	.17	1.24			.69	•32	1.10	.20						.02	1.70							
CLINTON 1 NNW	3.79	.53	.36	.40	.44		T _			1.69				.15		•13	• 77														т
COLUMBIA WE AP R CONCEPTION CONCORDIA	2.42 4.10 3.29		.94 .71 .81	· 90	т		T .03	.15		1.10 .80 T	т	.43	.02	.10		•12 •26 •52	.01	•31					.16 .39 T						• 06	.01	•02
COOK STATION CRANE MOUNTAIN	4.46 8.37	.36		.47 1.10	.03		N		1.81		•71 •92			.04		- 4	e 62	• 42 • 08													
CROCKER CRYSTAL CITY 1 N	5.00	.75		1.46					.24	1.66	192		- 1	•33		.56	.74 T	*00					7	.82						Т	T
OEERING .	3.39	.26		.05	•03				.76	.01	1.66 .38			Т	•01		• 13	.16				1.33		.06						Т	T
OE SOTO OEXTER	4.00 3.54	•23 •06		1.70					. 14 T	.13 1.13	1.25				• • •		•37	.02				1000		.12							.18
OON I PHAN 2 W	3.67 4.21		. 45	•10 •50			- 4		•17 •11	.10							•96	1.12						2.30							
EAST END EOGFRTON		.70 1.68	.76	• 65 • 70						.54	1.59		•21			.09	• 35 • 09	.04													W
ELOON ELOORAGO SPRINGS	2.69 1.24		•22	.75	.04			.05	.04	1.17	•15		•06			•20 •25	.38						•02						1	.08	•05
EL LJAH	2.39		•,	• 20					•				• 10				•30													·85	1.04
ELLINGTON ELLSINORE 1 N ELSBERRY	3.76 2.95 3.38		.18	.71 .14	•03	т			.74 .25	.47	1.40 T			.43		.18	•45	Т				т	т	1.43					• 11		• 30 • 21
FAIRFAX	5.56	2.51								1.30				T		•53	• 38	•49					• 35								
FARMINGTON CAA AP FAYETTE	4.83 4.48 2.19	.28	• 96 • 91	*76 T	Т		т		1.85 2.09	•09 •92	1.01		•02		.06	•48 •09	•72		.01				.03	.12					•01	T •02	
F15K FORSY7H	3.58	-		1 . 48	_	_	-	-	•33 -	.52	.83	_	-	_	_	-	-	-10	-	_	_	_	-	.32	_	_	-	-	-	-	-
FOUNTAIN GROVE WILDLIFE FREDERICKTOWN	2.92		.71	•12	т				2.59	.70	1.40		т	•03	.79	т	.42	J				т		.75							.17
FREMONT TOWER FULTON 4 SH	1.20 3.33 2.96	T		• 33					•56	.34	•26 •31			.05			.05	•22					т	.50					т	т	т
GALENA GALLATIN 2 NE		.09	.86	.50				.15	.80	.65			.06	•66			7	.02	.07				.06								1 • 26 T
GERALO	3.27	.27	o 44 40						•83	1.26			.00	.00		.42	• 22	•02	.07				.03						.05	.04	
GRENVILLE 4 NNW	4.86	1.89	.25	• 24 • 38	•05			•05	.93 1.65	.02	•96	•21		•05		. 29	.07	.17				•02	•93	1.81							• 05
GREGORY LANDING	1.68	2.40		•30 •12	.04		.08 .05	Т	. 86		•02					•04	.49 .16			т		•19	.11							•17	.64
MATLEY MANNIBAL HANNIBAL WATER WORKS	7.16 3.12 1.93	.63	.73 T	1.03	.05	•02	.06 .02	.05 .06	T	.06						.71	•83						т					т	•12 1 •11 •10	•05	. 30 T
HARRISONVILLE	3.03	.14	.03	. 62		*02	802	.01				•02	.95			•/1	.93				•33		'					,	•10	<b>4</b> 24	
MAZLEGREEN 2 H HERMANN HERMITAGE	7.00 4.49	.51 1.28 .74	. 22	• 27					.30 .10	. 81	•52 •54			.75			•27 •62						.07								•22
HOUSTON JACKSON	2.38	.46	.18	.33					.19	.73			.67			.44							Т							T	.05
TERESON CITA TERESON CITA	4.45	1.33	T •01	1.60 .20 .12	7				.63 .11	. 85				•06		.25	.73						.03	1.29						.03	. 68
JOP IN CAA AR	4.48	.22		.58				•03	.09 .72		1.39		•22	• 55	.15	т	•48 •15	•52					*02 T							•13	. 42
FANCE TE HE AP R	7.93 3.64	7	1.38	.90 .01			T T			. 43	•10 T						• 50						.05							.43	. 95
RAN A" CITY UNI OF F C	2.94	. 20	1.54	.77			,		.10	.20		Т	.21	•01		1.50 .11	.64 .03	.01			.14										.01
ALLER ATTER & NE	-	-	_	17	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	
F DETAILLE DANIE FIRE	2.96	- 12	- 49	-18	-	=	-	- T	-	- 12	-	-	-	-	-	- 02	- 74	-	-	-	-	-	09	=	-	1	2	-	-	- - -	- T
4 SEE CITTORS	1.76 1.48	.09	. 70	•01 •13		.01		.03		.01 .15				Т	•02	T	. 47	.18			Т	Т	T	.02						.01	•25
A RF ( F AF ( ) Awsh	5 . 71	2.64 1.47	T	. 54	T T			т	.22		2+68			.78	т		. 75 . 51			т			т								.46
THE BURST BASCS	1.01 2.0 2.90	.24		•17 •03 T	•02				.35 1.17		.46			.31																	.65
					+02						040			.10		.97	.17	.12													

able 3-Continued																													~~		JUNE	1954
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	Day	y of m	onth 15	18	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Ratura, BMF 8 MS ON A MS O N Wh 2 S O M	2.18 2.54 5.78 3.89 1.55	.16	.72	.30 .65 .30	T .04		.01	T •02	.76 .22	.44	1.02	Ŧ	•01	.02 .09 1.78	.07 .02 T	T • 07	•31 •41 •31 •44	•14	Т	Ť		.06		.01						T	T 1 • 53	
AND STARRS NUR AND INE UNIA LOWOUT	1.92	1.61		.08 .87 .43	•03	.05	+03 T	.53 T	*17	.05 .17	•05		•09	.04	т	.07	.03				.05		• 01	1.61				Т	т		.76 2.42 .13	
P CAA AP R 164 mill a mill	4.86	.06		.92 .58 1.41					.39 .38 1.30	.45	644		•04	•55	• 30	•48 •25	.50 T .34 .17	•17 •29					•02	2.45				т			1.25	
0 ud d*	2.14 1.74 3.99 4.34	. 16 . 60 . 32 1. 18	.10	7 .65 .07 .41	.02 .04		.05	•21	.96	T .02 1.10	•10		•28 •64	•03		.29	.06 1.21	•21 •02			т	1.19 T	•12 •20 T						Т	.06 .81	•16 •07	
TOWN 5 NE	3.41	1.58		.93 .53 .39	•05		-	_	.41 .41	.40 .26 .33	-12	_	` _	.04 T	. 56 -	T •14	1.03 .48 .54 .18	_	-	_	_	-	• 07	_		_	*14	-	_		•06 T	
APOE 17V B NOV L TA W GROVE 2 N 2 RHON 3 SW	2.16 5.41 3.08 2.31 1.06	.35		1.15			Т	•03	1 • 84 • 32 • 28 • 76	•17 •68	+08 1 45		.16		.01	.02	1.15 .01 .42 .47	т			•01	•03	•04 T	.04					• 06		• 16 • 64	
HES 1800 - TEMP	1.05 1.59 4.01 3.75 3.64	1.93	.04 .20	•29 •59 •02 •72	•04		Т	.03 .02		T T .10	•22 T 1•05		•02	.92		17 •17 •51	.86	.16					•11	т					т	•37	. 23	
79   75m 0 E - n 75m OLA 3 ME m h I L E	- 4.03 1.25 9.92	-51	.12	- •12 •28 •70	-	-	-	Ξ	- - - 1.51	- 1.03	2.99	- T		04	Ξ	- •32 •05	.34	.77	- T	-	Ξ	-	- •41	Ξ	Ξ	-	Ξ	-	Ξ	1.64	1.13	
TOTAL C C TOTAL APPENDING	1.77 .93 5.27 3.57 2.96	1.52		• 40 • 67 • 92	•02		.31	•02	1.07 .10 .52		.68 .10 .31			•03		.10	.51 .78 1.03						т	.05							.70 .62 2.75 .09	
	2.99 8.22 1.45 5.76 4.12	.06 .35	1.25	.73 1.20 .05 .90	•01			.05	2.70	1.25 .10	.50 1.67	•05	.07 .11	•12 •46	т	T .15	.21 .77 .04 2.05 .52	•03 T	Т				Т	1.58							•10 •07	
PLAR RLUFF R" MAC VILLE WCETON N	3.56 3.18 2.85 2.75 1.36	.74	1.14	1.97 .26 .02 .78 .21			The state of the s		.36 1.15	.63 .33 .26 .12	.61 .61		•29	•06		T .32	*14 T	.01 .02 .04 .25						.39 .01				• 22				
FNOLOS LIMATOUS AY LLA SCHOOL OF MINES LIMO SPRING	3.40 4.41 1.09 5.24 2.43	.60 -?1		.87 .85 .14 .44				.18	1.49 .18 .17 1.25	1.94	.47 .36 2.11 1.40				•10 T		• 15 • 36 • 42 • 31	.43 .53	.20					.26					• 20	•20	•19 •03	
HT CMARLES HT JOSEPH HA AP A HT LOUIS WA AP R HT LOUIS WA CITY R HT LOUIS WA CITY R	4.08 4.15 2.71 2.75 3.62	.02	1.05 .56 .57	.03 .02 .33	•03	т	.03	*04 T	.46 .27 .32	.40 1.15 .31 .23	•58 T	.43	.15	•02		.07 .44 .86	*18 T *09 *29	T •27 •29 T				.94	.05 .02 .14 .20	.01				T •02	•03	•56 •54 •43	1 • 40 T • 01	
HT LOUIS WASH UNI LEW SRUWY SERTON LAWN 0 22 ALIA	3.32 5.01 2.31 2.08 2.89	.46 .18 .70	.99	1 · 32 · 32 T · 64 · 66	.02		Т	т	.16 1.75 .06	.69	*10 1*61 T		•05	*01 *20	т	.14	.82 .40 .24 .45	•62					+02 T	.03					•12	T •03 •08	•29 •35 •03	
TOWAN  TOWAN  ELNINA  E. NYVILLE  AESTON	4.97	.76	T •70	1.21		т			• 20	· ·	•30 •66		Ì			.21 .28	.55 .52 .39	•03	• 11	.01		.04	т	.76						T •07	• 27 • 60 • 22 • 08	
#ESTON CROP EXP FARM LOAM SPRINGS BINGFILLO WH AP R ELLYILLE 2 N ESFENVILLE		.32	•06 )	. 56	•92 T	Т	•01	a 40	1.17 .19 .33 3.62	• 76 T • 12	•32					. 95 T	.02 .27	•93 •10			.37		•02		• 03					•30 •03	T 2.00	
Type 9 E  SEE SYLLE SEE 2 SH ET SPO MUS	3.92 3.52 3.67		3? 1.98	• 02	т		т	T T	.04 .60 .27	.03 .68 .13			.06		.35	•14 •24 •14	.13 .21 .10 .65	T •32		т		т		.02 2.50					т	.70 T	• 06	
CURSEN 2 N AAZ A NE ENTON OV	1.95 1.86 4.00 4.45	.28 .28 .29 1.12	.88	• 70	т		ī		.07 .22	.64		.06	.06			1.43	.02 .56 .22 .12 .95	•50 •51 •01 •50			т	.64	.09	.35					• 10		• 55 • 15 T	
DAYLLF LEF PARK BUREN 1 S WDALTA	3.17 4.59 2.59	.15 .55 .04	-	.11 1.00 .88 .62	- 08 T	-	Ť	-	.34	.07	1.10 .31 .63	т -	-	-	-	-	.36 .74 .35	Ţ Ţ _	T -	-	-	T _	•01 •04	.05	-	-	-	-	. 08 -	T -	•28 •05 •81	
A SILLES INY CAS AP D SPAPELLO DAM WENSHURG CENT T COL	2.33 2.94 .90		. 92	.07			† T	.82	.08 .26 .47	.50 .95 .15	+37	т	•09	.44		• •08	.03	•02					т	1.24					т	•04	•13 T	
PRENTON 1 4 PSAW NO 1 PSAW NO 2 SOLA FERLY	3.24 1.38 1.37 1.00	1.19	.50 .28 .09	.06 .25 .31 .16	T		T		1.68 .15 .08 .10	.37	T			т		.46 .18 .24	.05	•28					T .07	•05						.86	.08 •12 •11	
PMESVILLE 2 b STEQ GROVES 19680TEN 57 PLAINS	2:46 5:70 4:65 1:03	.85	.55	.05 2.10				т	.20 .48 1.25 .11	.82 .24 .75			•11	.10 T		.30 1.40			т				.02	1.36				• 02	т	•19 •91 •51		
JLOW SPRINGS 40500 3 tor HA 5 E	2.56 4.57 2.38 4.89	. 20	3 .37	. 97					.73 .08	.10	.10			.14		.01 .65	.12 .60	1.04			т			.32						1.12	1 . 70	

## MONTHLY AND SEASONAL SNOWFALL

Season of 1953-54

		·											-	JUNE 1
Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-te mean July-Ju
AOVANCE 5 ESE ALBANY ALTON AMITY ANDERSON 1 SW					_ T	5.0	4.0 1.0 T	T  T	т т	т		T	4.0 6.0 - 12.5	
ANNAPOLIS 7 SW APPLETON CITY ARCAOIA AUXVASSE AVA RANGER STATION					T •5	3.5	- - - 1.0	•5 - T T	1.0 5.5 2.0	T T		т.	6.0 - 8.5	
BELLEVIEW RERNIE RETHANY RIRCH TREE RLACK 6 NW					T • 4 T	10.0 T	1.5	-	T -	T T		T	1.5	
RLOOMFIELD BOLIVAR BOONVILLE WATER WORKS BOWLING GREEN BRAOLEYVILLE	-	-	_	-	1.0	1.5 4.0	4.0 1.0 1.0 .1	1.0 2.2	T 1.5 - 4.5	т -	T -	-	4.0 5.0 	
AROOKFIELO ARUNSWICK 8UFFALO BUNKER AURLINGTON JUNCTION	Т				2.0	- T -	.8 - - T		T - - T	т -	-	<u>T</u>		
BUTLER RUTLER CAA AP CAMDENTON CAMPRELL CANTON L AND D 20	-	-	-	-	1.0 .4 1.0	3.0 1.4 2.0 - 4.5	.3 T - - 1.1	.2 . 1.7 - -	1.5 /3.5 -	T -	-	-	6.0 3.8 - -	
CAPE GIRAROEAU MO ST CAPE GIRAROEAU CAPLINGER MILLS CARROLLTON CARTHAGE		т	Т		T T T	T T - 7•2	5 • 0 4 • 0 - • 1	T - •2	T	Т	т	- T	4.0 - 7.5	
CARUTHERSVILLE CASSVILLE RANGER STA CENTERVILLE CENTERVILLE RANGER STA CENTRALIA					Ť	T •7 T	.3 - 5.8 - 1.8	1.0 T T	T 2.6 2.8 3.5 1.0	т	Ť	Т	1.3 - 8.6 - 7.6	
CHADWICK CHARLESTON CHILLICOTHE 2 S CHILLICOTHE RAOIO KCHI CLEARMATER OAM	-					6.0	3.5 T T	T T T •5	3.0 T	т		Т	3.5 6.0 10.2	
CLIFTON CITY CLINTON 1 NNW COLOMA COLUMRIA WR AP CONCEPTION					T 7	3.0 - 4.0 2.9 5.0	2.0 .3	- T T 2•1	3.0 T T 1.5	т	-		- - 8.0 5.5	19.9
CONCORDIA COOK STATION CRAME MOUNTAIN CROCKER CRYSTAL CITY 1 N					T T	5.0 2.2 T	1.0	- 1.0 T 2.0	T 3•2 3•8 6•0		Т	т	10.8	
CURA OERING OE SOTO OEXTER DONIPHAN		Т			T	т	.2 1.0 - 2.5 3.0	- - T	2.0	т			1.0	
OONIPHAN 2 W EAST END EOGFRIAN EOINA ELOON	-	-	-	-	T 1.00 T T	- 7.0 1.0	- - .3 1.1	3.5	T - 4•4				3.0	
ELOGRADO SPRINGS ELIJAH ELLINGTON ELLSINGRE 1 N ELSRERRY	-	- T	-	-	•5	2.0 -	1.0	2.5	3.5 2.5	T.			8.0 - - -	
FAIRFAX FARMINGTON FARMINGTON CAA AP FAYFTTE FISY		•			3.0 T	- T T 445	2.1 2.4 1.0	1.0 1.0 1.0	2.5 2.0 1.0 1.0	T T		т	4.3 - 5.1 4.4 7.5	
FORSYTH FOUNTAIN LROVE WILDLIFE FRENDRITONER FREMONT TONER FULTON 4 SW	<del>-</del> Т	T ;	-	-	- T	-	4.0 - T 5.6	- T T	- T T	- T	-	-	4.0 - 5.6	
GALFNA GALLATIN 7 NF GFPALD GFRAPPY NFANT CITY						•B ~ -	1.0	4.0	5.0 - 3.5			т	7•6 - - -	
CB - BB ING BY BY BY BY LEW BY BY LEW BY BY BY BY BY BY BY BY BY BY BY BY BY	ī				T 2 • 0 T	3.5 2.0	- I.0 .5	T T •3 1•5	T - 5.0 2.0	T T	т		11:0	
10 m 15 m 7 m 15 m 7 m 15 m 15 m 15 m 15 m					T 1.0 .5	3.0 3.0 5.0	2.0 1.5 T	1.0	2.5	т	T	Ţ	6.0 8.0 6.0	

## MONTHLY AND SEASONAL SNOWFALL

Season of 1953-54

MISSOURI JUNE 1954

					Season of									JUNE 1954
Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
RMITAGE USTON CLSON F CITY RADID KWOS					т	т	7.0	~ T	_ T			-	7.0	
FFERSON CITY		Т		Т	т .	1.0	1.0	1.0	2.6			Т	4.7 6.0	
ROME PLIN CAA AP HORA USAS CITY WB AP HSAS CITY UNI OF K C	- Т Т				T 1.8	7.0 8.8	9.0	7 + •2	3.0 1.0	т	т		10.0	19.8
WETT RADIO KBOA YTESVILLE 4 NE DICER 45 CITY RKSVILLE RADIO KIRX	:	-	-	-	=	- :	- - -	-	-	- -	=	-	-	
RESVILLE RADIO KIRX  SHEGHONG  BELLE KESIDE  ARR	-				T T 2•8	8.8 11.8 T 5.0 T	.5 T - 2.0 .8 2.0	T T •5 1•0	T T ~ T 2.5	т	т	т	7.5 1.8	
ME FOREST SERVICE THROP 3 SW BANON 1 ENE EINGTON CKING 4 N	-	-	-	-	T 1.0 .1	T 4.1 3.0 5.0	7 1.0 •2	•3 4•0	2.0 T T 5.5	т			9.0 5.3 6.0	
WEUS 2 S CKWOOD JISJAMA STARKS MUR JISJAMA CERME					T T	4.5 .5 - 3.0 4.0	T 5.5 T .5	•3 2•0 T T	T 2.0 - 3.0 T	т		т	4.8 10.0 - 6.5 4.8	
CEDONIA LOOKOUT EON DISON LOEN CAA AP KSFIELD					Т	- 6.0 T T	2.0 - 1.0 5.0	т	T 2+5	т			8.0 1.0 7.5	
RBLE MILL ISHALL RSHFIELD RTIMBURG RYVILLE			т	т	T •2 T	1.0 1.5 9.3	- •5 •6 •3	T - 1.0 1.0	7 3.0 4.0 T	T . T T	1	т	5.5 7.3 9.6	
PHIS REER 6 NW ICO DUETOWN 5 NE AM			т		т	6.0 - 3.3 .8 7.5	•5 •1 T ~	•3 1•9	2.0 4.5 T	Ť			6.5 - 5.6 -	
SERLY RADIO KNCM NETT GOE CITY REHOUSE SELLE		-	-		т	3.0	1.0 - 2.0 T	Ţ 	T - T	-	-	-	2.0	
NTAIN GROVE 2 N NT VERNON 3 SW DSHO 4 BOSTON		т			2.5 T T T	.4 T .5 1.5	5.5 5.0 -	•7 1•0 - -	4.5 2.0 1.0 3.0		т	т	13.6 8.0 - -	
FLORENCE MADRID TES TOWER SSA GOON	-	-	-	-	T 1.0 2.5	1.0	.8 2.0 ~ T T	3 <b>.</b> 5	6.0 T - T T	T - T.	-	-	11.3	
FOLA 3 NE MSVILLE MSV BEACH	-	-	-	-	4.0	2.0	• 5 -	-	3.0				-	
IRK BEACH	-	_			т	T T	- T		Ţ				-	
MYRA PIS MA RYVILLE RCE CITY	-	-			т	- 4.0 T	2.0	•2 T T T	T 1.5	т	т	-	3.0	
ASANT HILL O LAR BLUFF TAGEVILLE NCETON					2.0	7.0 4.0	• 5 T 4 • 5	T T	T T T			_	9.5 4.0 4.5	
ICO IN MOLDS MICHOS					Т	T T	2.0 2.5 5.5	Ţ	2.0	T	7	Т	2 • 0 2 • 5 7 • 5	
LA SCHOOL OF MINES NO SPPING NT CHARLES NT JOSEPH WB AP NT LOUIS WB AP					1.0 † †	.5 .8 T 3.0	- 3	T 2.0	3.0 3.0 T	T T		Т	- - 3 • 3 4 • 7	19.3
NT LOUIS WE CITY NT LOUIS WE CITY NT LOUIS UNIVERSITY NT LOUIS WASH UNI EM		т	Ŧ		T T	T T	.5 1.3	T T T	1.0	Т	T T	т	1.5 2.3 2.4 - 4.8	17.1
ERTON L AND D 22 ALSA IGMAN MOUP 4 RIVE LSINA					T T 2•8	6.0 1.2 3.0 T - 3.5	2.5 1.0 5.0	2.5 T	T - 1.00 T - T	т			7.5 5.0 -	

## MONTHLY AND SEASONAL SNOWFALL

Season of 1953-54

MISSOU JUNE 19

Station	July	August	September	October	November	December	January	February	March	April	May	June	Total	Long-term means July-June
SHELBYVILLE SIKESTON SIKESTON CROP EXP FARM SILOAM SPRINGS SPRINGFIELD WI AP	Т		Т			3.0 T T	.2 4.0 4.2 - 2.8	T T T	7 7 7 - 2.8	T T	ा	7	3.2 4.0 4.2 - E.7	17.3
STEELVILLE 2 N STEFFENVILLE STOVER SULLIVAN 5 E SUMMERSVILLE	-				T T T T	T 6.0 1.0 T	T 1.3 .3 T	T 1.5 3.0	3.5 .5 5.0				9.3	
SUMNER 2 SW SWEET SPRINGS TARKIO TECUMSEH 2 N TOPAZ 4 NE	T				T T 2.0	7.1 8.2 4.5 T	.5 2.5 T 2.5 4.0	2.0 2.5 T	T T •5	T T	Ť	т	9.6 13.2 7.0 2.5 7.5	
TRENTON TROY UNION 1 SE UNIONVILLE VALLEY PARK					T T	- T T -	1.0	T T T	1.0 3.0 T				2.0	
VAN BUREN 1 S VANOALIA VANZANT 4 SE VERSAILLES VICHY CAA AP	-	-	-	-	2.5 T	- T - •9		3.0	7 - - - 10.0	т - т	т	-	- - - 14.0	
WACO WAPPAPELLO DAM WARRENSBURG CENT T COL WARRENTON 1 N WARSAW NO 1	_		т -		1.0	7 5.5 T 1.0	3.8 3.0 .3 .4	T - 1.5	T T 3•0				3.8 3.0 - 4.9	
WARSAW NO 2 WASOLA WAVERLY WAYNESVILLE 2 W WEBSTER GROVES	т				•3 T T	1.5 T - 4.0 T	2.5 1.2	2.0	- - 6.5 -				15.0	
WEINGARTEN WEST PLAINS WILLIAMSVILLE WILLOW SPRINGS WINDSOR 3 NW	Т				7 3 • 0	T 2.0	T 5.5 - - - .5	T T 2•0	T 1.5	т	Т		8.5 - 6.1	
ZALMA 5 E							4.0						4.0	

Table 5									D.	ΑI	LY	T	EM	1PE	ER.	AT	UR	ES	5													MI SSI JNE	
Station															1	Day	Of 1	Mont	h										-				rage
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
ADVANCE 5 ESE	MAX	86 64	84 55	77 55	71 51	78 47	86 59	87 65	86 64	90 59	92 62	92 68	93 68	96 69	98 69	87 70	92 70	93 68	95 71	96 70		93	93 69	90 68	93	97 62	101 70	102 72	97 74	98 67	94 67		91.1 65.1
ALBANY	MAX	66 56	68 52	67 50	72 45	78 50	83 63	81 70	87 51	86 61	89 70	92 70	85 62	90 65	89 67	65	83 61	88 68	92 71	94 72		93 68	88 65	91 57	96 66	101 74	99 75	98 74	98 70	99 68	95 70		87.5 64.3
AM ITY	MAX	70 55	70 52	69 51	73 45	75 53	80 63	83 67	85 57	86 61	89 69	91 69	83 62	89 65	88 66	84 63	82 60	87 67	91 71	92 73		93 69	88 66	90 63	95 65	99 73	100	97 71	97 73	98 73	94 69		87.0 64.6
ANDERSON 1. SW	MAX	76 55	76 54	65 51	72 41	83	85 63	84 70	87 63	90 64	90 65	90 58	92 61	92 57	91 57	84	91 69	94	94	96 65		94	95 61	95 61	99	99	99 65	99 63	99	100	88 64		89.8 60.7
APPLETON CITY	MAX	74 57	71 56	67 54	74 48	85 52	87 65	83 70	89 64	94 69	94 64	95 64	91 63	92 63	93 61	84	91 65	95 70	97 69	100		96 67	92 72	95 59	1C2 64	104		101	104	103	100		91.8 64.6
ARÇADI A	MAX	84	80 49	78	70 52	76 43	82 60	82 65	84 63	87 62	90 68	90 62	91 63	93 63	90 66	87	86 65	90 65	94	93 67	93 66	91	89 65	90 61	91 56	94 61	100	103	98 70	96 66	88 65		88 • 7 63 • 0
BETHANY	MAX	67 55	66 51	67	70 45	76 47	84	84 69	86 50	85	89 68	92 69	87 62	90 65	90 66	87	83 61	88 66	92 71	94	95 74	93	92 63	92 57	97 66	100	100	98 72	98 71	97 70	96 68		87 e 8 63 e 6
BIRCH TREE	MAX	82 66	82 55	76 52	71 49	76 45	83 59	81 66	82 63	89 62	92 58	92 60	93 61	95 62	93 64	93 64	92 61	93 62	93 65	95 69	95 65	96 65	93 69	91 69	90 65	94	100	104	100	102	99 69		90.6 62.6
BLACK 6 NW	MAX	84	80 48	74 51	71 50	76 48	82 48	81 60	85 64	81	92 50	91 60	91 61	93 61	91 64	85 63	86 63	90 65	92	91 66	92 66	90	90 61	88 59	89 55	95 61	99 67	98 69	95 70	94 67	89 65		87.8 60.6
BOL IVAR	MAX MIM	75 57	73 58	62 54	72 49	81 50	84	83 69	84 63	88	89 66	90 67	89	92 64	92 67	83 66	89 67	93 70	95 71	97 71	95 71	95 71	92 73	93 59	99 65	-101 74	101	102 74	102	102	96 68		89.6 66.2
SOONVILLE WATER WORKS	MAX	85 57	67 53	62 52	59 48	69 52	78 58	83 67	80 64	84	79 63	89 62	95 68	84 64	90 69	91 69	84 64	85 68	90 71	91 73	93 76	93 75	92 73	86 64	90 68	95 76	98 76	100 76	96 74	96 73	97 74	1	86 • 0 66 • 4
BROOKFIELD	MA'X MIM	76 58	65 52	65	75 47	78 51	87 64	85 64	90 58	88	94 67	95 67	94	93 64	96 68	87 69	86 65	93 69	98 74	98 74	97 75	96 75	93 71	95 61	100	106 75	105 76		103 76	105 76	102 72	ł	91+6 66+4
BRUNSWICK	MAX	77 58	67 53	67 53	72 49	79 52	85 65	85 72	87 60	86	90 66	93 66	87 68	89 65	93 67	86 70	84 65	91 70	95 74	96 76	97 76	95 74	94 74	94 63	99 68		101		100	101	98 71		89.6 67.1
eUTLER	MAX MIM	72 58	71 57	67	71 47	84 65	85 65	82 70	86 65	92 73	90 68	92 68	89	89 64	90 66	83 71	88 67	93 73	94	96 74	94 74	93	89 75	90 62	98 69					100	95 69		87.4 66.9
BUTLER CAA AP	MAX MIN	75 57	68 55	67 52	73 46	84 52	84	83 63	86 63	92 69	91 69	93 67	87 62	90 62	90 64	80 67	90 65	96 69	98 71	100	97 72	95	91 74	95 58	102	102	102 73	99 70	100	101	98 68		90 • 3 65 • 2
CAMDENTON	MA X M I N	83 56	74 52	71 55	72 49	80 48	84	86 67	86 63	83	90 61	91 66	90	91 60	94	89	90	96 66	94 67	97 67	97 70	96 69	92 70	91 57	99 63	102 70	103	<b>9</b> 9	99 68	102	95 62		90.5 63.1
CANTON L AMO O 20	MAX MIN	68 57	63	61 52	71 48	73 51	82	87 67	86 57	83	91 67	92	89	91 67	94 67	89	84	89 69	92 74	95 75	97 75	91	88 70	92 62	96 66		101	98 75	95 67	89 71	86 68		87.1 66.0
CAPE GIRARDEAU MO ST	MAX	84 62	81 52	74	69 49	76 46	84	86 64	85 61	89	90	91 67	93	93 66	94	88	91 68	91 67	92	93 69	94 70	93	94 67	86 64	89 62	94	102		93 72	93	94		89.2 64.2
CAPLINGER MILLS	XAM MIM	74 62	73	65	74 46	83 52	85	83	86 65	90		91	89	90	91	85	90	92	95	95 73	95 72	93	91 70	93	99		102		100				89 e 7 65 e 1
CARROLLTOM	MAX MIM	70 56	65 53	63	74 47	80 51	87	85 71	87 57	85	92	95 65	87	91 63	94	87 68	85 64	91 69	94	96 72	97 73	95 71	89 73	93 58	99		103		101				89.4 64.7
CARTHAGE	MAX MIM	77	75 60	67	73 47	84 52	84	84 71	86 66	89	90 71	90	90	92	90	88	91 66	94 71	96	96 70	95	93	93		100	100	99	99	100				90 • 3
CARUTHERSVILLE	MAX	86 67	89 62	85 58	70 53	75 51	83	89	89 70	91	91 66	93	94	94 70	92 71	90 72	89 71	90	93	94	90 73	93	97	92 73	92		101	102	99 78	96 74	96 73		91.0
CHARLESTON	MAX	87 66	85 58	73	72 53	78 48	84	90	89	91	93	93	95	97	93	90	90	94	94	95 71	95	95	96 72	90	93		102		99	95	93		91.4
CHILLICOTHE RADIO KCHI	MAX MIM	77	65 51	67	72 46	76 48	85	84 72	86 52	84	88	92 65	89	89	91 65	83	83	88	92	93	92 71	92	91	90	96 64	98	100	98	98	99	95 72		87 · 8 63 · 6
CLEAPWATER DAM	MAX	88	87 51	85	71	80	86	86	86 65	90	94	93	95 62	95 66	93	90	89	91 63	93	94	95 67	93	93	89 67	91	96 62			100	99 70	91		91.2
CLINTON 1 NMW	MAX MIN	72 56	67	64	73 50	82	65	83	86 69	90	90	92	89	91 61	93	83	89	92 72	93	96	96 69	94	89 55	91 59	97 71		101	99	100				89.1 65.0
COLUMBIA WB AP	MAX	68	63	60	72	78	86	85	87	78	91	91	88	92	93	87	88	90	93	94		94	89	92 62	94	100		100	98	101	97		88.2 66.2
CONCEPTION	MAX MIM	77 54	68	53 67 51	69	76 52	81	80	66 84 56	86		91 68	92	87 65	70 87 67	88	84		91		93 74	95 70		89		99	100		97	98	100		87.7 64.2
CRYSTAL CITY 1 M	MAX	79	79	77	71	82	85 59	87 65	89	90	93	94	95	95	94	90	90	91		95	90	95	95 67	93	94	101	105	106	100	99			91.6
DONIPHAN	MAX	82	89	73	76	80	89	87	88	94	58 95	94	95	63 98	96	92	93		95	96	96	72 95	98	90	93	97	101	101	100	97	95		92+3
EDGERTON	MAX MIN	71 55	55 67 54	53 65 52	46 72 43	76 53	55 82 65	60 83 63	68 87 52	90 62	90	61 93 70	85	65 90 65	65 89 65	83	83		94	95	94	69 94 68	65 89 69	60 94 55	58 99 65	101	102	100	72 100 67	101	95		62.9 88.5 63.9
ELDON	MAX	82	70	61	72	79	85	86	85	83	89	90	89	91	92	87	87	91	71	94	72 93	92	92	91	96	99	100	99	100	100	93		88.7 65.6
ELSBERRY	MAX	92	68	67	64	71	79	88	89	85		92	92	93	68 95	96	92	89	94	98	71 96	95	93	89	92	97	103	105		98	98		89.9
FARMIMGTON	MIM	82	80	73	70	77	83	85	86	63 88	92	90	93	93	92	87	89	91	75 94	93	94	75	87	90	90		99	100	96	96			88.9
FARMEMGTOM CAR AP	MIM	72	79	65	70	75	82	82	85	87		63 88	92	92	.67	85	86	88		90	68 93	89	87	89	59 88		98	101	95	69 94 69	90		62.4 86.9
FAVETTE	MIM	81	63		71		85	84	85	84	89	91	88	91		84	86		93	94		92		90	96	99	100		98	99	93		62.2 88.0
FOUNTAIN GROVE WILDLIFE	МІМ	80	67	52 66	71		85	68 85	85	84		90	68	62 89	90	83	83	90		95	92	71	91	61 91	95	98	99	99	98	98			88.0
FULTON 4 SW	MIM	89	69	64	59		80.	87	89	86	75	91	92	62 91	63	68	89	88	7.2	96	97		96	57 88	94	98	101		104	103			89.5
GRANT CITY	МІМ	1	51 67		71	49 ·75	56 80	67 80	67 82	66 85		90	65 80	63 85	68		90	68 87	92	l	76 93	- 1		63 89	65 95	98	99	97	75 97	97	92		86.0
	MIM		48			51		66																	66				71				

#### DAILY TEMPERATURES

Table 5-Continued									D.	AI	LY	T	EM	1PI	ER.	ΑT	UH	RES	3													E 1954
Station																Day	Of 1	Mont	h						_							Prage
		i	2	3	4	5	6	7	8	9	10		12	13	14	15	16		18	19	20	21	22	23	24	25	26	27	28		30 3	
GREENVILLE 4 MNW	MAX	63	51	91 53	73 52	79 43	85 57	85 59	86 65	60	93 58	92 63	95 64	96 66	93	66	90 66	94 64	70	95 68	95 67	68	63	89 62	92 59	61	101	71	72	96 68	68	62.
HANNIBAL WATERWORKS	MAX	67 53	60 49	52	. 70 47	75 53	59	86 66	86 60	65	92 64	91 68	70	92 67	94 72	67	85 64	90 66	72	96 72	95 74	93 75	72	90 62	95 63	72	75	95 76	68	92 69	67	87. 65.
HARR I SONVILLE	MAX	72 57	68 57	67 53	72 47	80 58	63	82 70	85 65	91 68	90 68	92 68	65	66 65	88 69	69	85 64	90 68	94 72	94 71	93 73	92 71	90 70	90 68	97 71	98 73	73	98 73	98 74	99 74	95 69	66.
HERMITAGE	MAX	89 56	73 52	62 50	73 42	82 41	85 67	84 69	86 61	89 61	89 59	91 58	90 60	91 57	92 58	64	90 63	94 64	95	97 65	95 65	93 62	92 63	94 59	99 53	100	101	101	102	102	97 63	90. 59.
HOUSTOM	MAX MIM	80 5 <b>8</b>	82 56	72 53	72 48	78 58	63 61	81 62	85 62	87 63	90 64	90 64	92 68	92 61	91 65	87 60	89 64	92 66	94 69	93 67	93 69	92 69	92 68	91 56	93 56	98 68	102 68	100 70	100	98 71	89 64	89. 63
JACK SON	MAX MIN	88 63	83 52	80 56	72 50	78 45	86 58	87 64	87 64	90 61	90 62	92 67	94 67	96 68	95 69	90 71	92 70	94 69	96 72	96 69	96 70	94 71	95 68	90 67	92 62	96 61	103 72	104 72	97 74	97 68	98 68	91. 65.
JEFF CITY RADIO KWOS	MAX MIN	70 60	67 51	61 55	71 48	80 46	86 65	88 69	86 67	82 65	90 61	92 64	90	92 63	93 68	88 68	89 66	92 67	94 71	95 70	95 72	94 72	88 72	91 57	96 60	101 74	102 70	99 70	100	98 67	94 66	88. 64.
JOPLIM CAA AP	MAX MIN	77 58	73 59	64 52	75 48	83 55	85 66	86 72	86 67	91 73	91 75	93 70	92 64	92 64	93 69	82 71	92 69	95 73	95 73	96 73	97 76	95 73	95 71	96 62	100 73	100 76	99 76	99 76	100	100 75	91 71	90.
KANSAS CITY WB AP	MAX MIN	73 58	70 55	65 54	73 51	80 59	83 68	83 65	88 61	92 63	92 75	94 71	78 65	91 70	91 74	79 64	86 64	93 71	95 76	96 79	95 79	95 77	88 73	92 66	99 72	101	102	100	101	100	93 74	88. 69.
KANSAS CITY UMI OF K C	MAX MIN	73 56	71 54	68 53	73 48	78 52	83 66	80 68	87 57	90 68	92 73	93 69	84 68	90 61	90 64	86 66	85 61	92 72	94 71	95 74	94 74	90 72	90 72	92 61	100	102 76	103 79	100 83	101	102	97	89. 66.
KEMMETT RADIO KBOA	MAX MIN	88 64	90	89 57	75 52	79 49	85 59	89 65	92 68	94	96 64	96 67	97 67	96 68	95 69	93 72	91 72	92 68	96 71	95 69	94 71	94	98 71	93 72	94	98 62	104	103 75	102	99 72	99 71	93.
KIDDER	MAX MIM																															
KIRKSVILLE RADIO KIRX	MAX MIM	68 54	68	61	71	76 50	83	82 68	85 52	84	89 63	89 63	85	89 61	91 65	84 68	83	87 64	92	94 73	92 72	91	86 65	89 57	92	97 73	99 75	99 71	97 66	97 71	92 67	86 . 4
KIRKSVILLE CAA AP	MAX MIM	63	62	60	70 43	71 50	8 3 59	B1 60	84	B3 63	88	88	85 65	87 63	90 66	84	81	87 66	91 72	92 72	92 74	90	85 63	88	92	98 71	100	98	96 68	98	89	85.
KOSHKOMONG	MAX	84	82 58	82	75 51	79 52	81	81 66	84	92	92	92	95	94	94 68	89	88	92	92	92	94	94	92	92	92	97	98	98	96 67	86 72	92	89,1
LAKESIDE	MAX	88	73 51	69	62	7 <i>4</i> 46	80 58	87 70	87 66	88	82 61	92 62	91	90	93	94	86 65	90	92	95 66	96 68	96	95 70	90	91 58		102		101		101	89-4
LAMAR	MAX	83	72	74	66	75	83	85	83	86	91	91	92	90	91	91	83	92	96	97	97	95	94	93	94	97	99	100	99	100	101	89.7
LATHROP 3 SW	MIM	70	66	64	72	75	78	84	82	82	70 87	90	92	65 86	67 89	69 B0	68	71 87	71 90	71 92	92	71	84	60	97	99	100	98	71 98	100	96	86.4
LEBANON 1 EME	MAX	74	77	52 68	72	52 78	56 83	55 84	57 83	85	61 89	70 90	90	91	92	88	59 88	90	93	75 94	76 94	92	67 89	67 88	92	73 99	100	99	70 97	99	68 91	88.3
LEXIMGTON	MIM	57 85	55 72	5 2 6 8	62	51 73	79	67 87	63	88	65 91	64 92	95	64 83	92	92	67 84	68 86	71 92	68 96	71 97	96	71 95	56 89	64 95	70 100	72 102		101	102	66	89.3
LICKING 4 N	MIM	56 86	53 73	77	48 58	54 71	76	69 82	60 81	62 86	67 87	76 90	90	67 92	72 92	69 89	85	68 87	73 90	75 91	75 93	92	72 91	65 89	67 91	74 93		76 100	78 100	74 96	72	87.4
LOCKWOOD	MIM	57 76	54 74	5 2 65	53 73	49 83	61 85	67 85	64 87	91	63 91	62 92	70	62 92	74 92	75 85	63	66 94	70	68 97	77 97	70	77 93	56 93	100	70 100	78 101	75	102	74 101	93	90.5
LOUISIAMA STARKS NUR	MIM	58 81	57 66	54	47 73	50 76	86	71 86	67 86	71	69 92	68 92	66 91	64 94	68 95	68 91	67 90	69 93	69 97	69 97	72 98	70	72 91	58 95	70 97	70 103	76	74 102	70 100	74	69 92	90.3
MACON	MIM	59 79	53 65	54 61	49 63	45 71	76	67 83	63	63	62 82	63	70	65 86	66 89	70	66 86	67 83	71 88	70	72	75	91	55 87	55 90	70	73 98	70	69 98	98	68	86.2
MALOEN CAA AP	MIN	54 81	47 87	4 9 6 8	746 73	50	58	66	57 91	61	61 95	66 95	64	60 98	67	66 91	62	64	70	70	72	72	67 96	61	59 95	72	74 103	72	101	70	67	63.0
	MIM	64	58	57	53	52	60	65	65	63	66	71 91	72	72	72	72	70	69	71	72	74	70	71	68	63	65	74	77	76	72	71 95	67.5
MARBLE HILL	MIN	62	50	82 54	51	42	56	62	64	60	59	64	63	64	65	65	67	63	68	66	67	68	63	64	58	58	69	69	70	65	65	62.0
MARSHALL	MAX	80 56		51	46	45	63	70	64	62	65	92 66	67	65	67	69	65	69	73	73	75	72	72	61	64	71	76	75	79	75	69	65.9
MARSHFIELO	MAX	81 56	78 58	69 49	71 47	79 52	83 62	83 67	62	90 69	90 67	65	90 65	92 64	92 68	67	90 67	92 67	70	95 69	94 70	69	93 69	92 60	95 67	71	100 69	70	99 71	73	92 64	89.5
MARYVILLE	MAX	69 54	67 52	65 50	71 45	77 54	81 64	79 66	85 55	86 59	88 70	93 69	62	86 65	89 67	82 65	82 61	87 69	91 70	93 71	94 72	65	85 62	89 62	96 67	99 74	99 73	97 74	96 72	69	91 67	86.4
MEMPHIS	MAX	72 54	63 53	59 51	59 45	73 50	75 60	85 67	83 57	85 60	86 63	89 68	91 66	88 65	91 69	93 70	87 64	85 66	89 67	94 74	95 75	95 72	92 65	87 62	91 65	95 71	99 76	99 73	79 66	96 69	96 67	85.7 64.3
MEXICO	MAX	88 58	67 50	62 52	61 46	72 51	79 59	85 69	87 63	86 63	78 63	92 64	92 66	89 63	93 70	95 70	90 65	88 67	93 74	96 73	95 74	96 73	95 71	89 61	95 63		1 00 75			102 73		88.8 65.4
MOBERLY RADIO KNCH	MAX	71 56	62 49	61 50	71 45	75 50	83 63	83 69	85 60	82 63	88 63	90 63	87 65	90 62	92 67	85 68	84 63	89 68	91 73	93 73	94 74	92 72	89 72	90 62	93 62	99 73	100 74	99 72		99 71		86.9 64.7
MONETT	MAX																															
MOUNTAIN GROVE 2 N	MAX	82 57	77 57		72 48	78 51	83 60	82 64	84 62	90 65	91 63	91 66	92 70	94 64	93 69	87 63	88 64	90 66	92 70		94 70	93 70	91 70	89 58	93 66	100 72	1 00 74		99 73		89 66	89.3 64.7
MOUNT VERNON 3 SW	MA X MIN	76 61	72 57	65 54	73 45	83 48	85 58	85 69	85 64	89 69	89 68	90 66	91 64	91 64	90 65	85 68	92 66	93 69	95: 70:	95 69	94 72	95 69	94 70	93 57	99 71		101 73			101 69	91 67	89.8
NEOSHO	MAX MIM	79 61	78 58	67 53	83 43	84 43	84 63	84 70	86 63	89 69	90 69		91 63	90 62	90 60	88 68	91 64	94 66	94 67	96 67	95 69	94 67	93 65	95 57	98 66	98 69	98 69	98 67	99 66		97 67	90 • 4 63 • 3
NEVADA	MAX	78 57	77 59	67,	76 48	85 54	87 65	85 72	89 66	93 73	94 72	94 67	89 67	93 65	92 66	90 71	92 66	97 72	99 72		98 73	93 71		101			100			98 70	100	92.3 67.5
NEW FLORENCE	MAX	83 58		63 53	71 46	75 53	86 63	85 70	86 71	84 66	89 68	90	- 1	93 63	94 70	88 66	87 65	92 68	95 72	95	96 72	94	91 70	93	94 63	100		103	100		94 67	89.3 65.9
OPE GON	MAX	78 54		64	71 53	75 55	78	79 64	85 57	87		92	86	88	86	85 68	81	87 64		89	90 75	90 73		91	95	98	97	. 94	94		87 68	85.9 66.5
	1																1															W.

Table 5 - Continued									D.	A1	LI	1.	CI <sub>V</sub>	1FI			OL														JUNE	
Station		-				- 1										Day	Of :	Mont	h			r										erage
	MAX	91	82	86	68	78	6 84	7 84	88	91	10	94	95	13 98	98	97	91	98	18	19		21		23	24	25	26	27			30 31	Ā
OZARK BEACH	MIN	41	57	56	50	48 77	64	64	63	64	60	61	62	63	64	67	62	68	69	68	96 70	61	97 63	97 65	63	69	104	70	69	70	67	94.0
PERRYVILLE	MAX	63	82 52	54	53	46	59	65	59	63	62	67	69	68	69	63	89 69	91 68	71	95 71	96 71	73	92 70	88 64	63	94 64	103 77	103 75	96 75	96 69	93 67	90.4
POPLAR BLUFF	MAX	63	85 55	87 52	72 49	73 46	78	62	85 70	61	90 60	92 65	92 66	93 68	97 68	70	89 68	93 66	70	95 69	95 70	68	93 66	95 70	90 60	93 61	97 70	72	102 75	99 70	97 70	90.7
PORTAGEVILLE	MAX	87 66	88 59	80	73 53	77 50	60	90 69	89 67	90	92 61	92 70	70	95 73	92 72	91 73	90 72	93 70	93 72	95 72	93 73	93 70	96 72	73	92 70	97 62	103	102 72	98 73	96 71	98 70	91.6 67.7
PRINCETON	MAX	64 57	62 47	65 47	71 42	76 41	87 62	82 71	86 60	87 62	89 67	92 69	91 64	89 63	92 69	88 66	84 63	88 66	95 74	96 75	95 76	70	93 62	94 58	98 68	101 76	101 77	102 <b>73</b>	99 75	100 73	98 69	88 • 6 64 • 7
MOLLA SCHOOL OF MIMES	MAX MIN	89 60	71 53	76 52	61 48	71 50	79 64	85 68	85 66	87 66	87 62	93 66	92 68	91 64	92 67	92 70	89 67	87 71	92 73	94	94 73	95 72	93 72	88 64	89 65	94 73	100 78	101 77	99 81	99 74	96 73	88.7 66.8
SAINT CHARLES	MAX	88 61	71 54	70 56	73 51	80 52	86 61	89 67	89 68	83 68	93 61	94 68	95 72	98 68	98 72	90 73	92 70	95 70	99 74	98 74	100 75	97 76	93 72,	96 61	96 64	105 73	104 78	104 76	101	101 71	95 70	92.4 67.6
SAINT JOSEPH W8 AP	MAX M1M	71 58	71 55	66 54	72 48	78 55	81	80 58	87 55	89 63	92 72	94 66	81 65	90 66	92 70	81 65	84 62	91 68	94 73	95 74	95 74	95 70	86 67	93 62	98 70	101 79	101	98 76	98 73	98 70	90 71	88.1
SAINT LOUIS WE AP	MAX	71	71 54	63 55	70 51	79 55	85 62	87 68	87 66	87 67	94 63	92 71	93 73	96 70	96 75	90 69	89 71	94 70	99 74	98 76	97 76	94 76	91 73	95 65	95 67	102	102	100 79	100	99 68	97 70	90.4 68.3
SAINT LOUIS WE CITY	MAX	69	74 56	63 56	69 53	77 56	85	86 67	87 67	88	93 67	91 74	92 75	95 74	94 76	90 68	89 72	92 71	96 77	96 77	95 79	93	89 74	91 71	93	100	101	98 81	98 73	98 71	95 72	89.2
SAINT LOUIS UMIVERSITY	MAX	84	75 57	69 51	69 53	77 53	85	88 67	89 67	89	94 68	93 74	92 75	96 74	95 77	90 69	90 72	93 71	96 77	96 78	96 79	95 77	90 72	92 70	94 71	101	102	99 82	96 72	98 74	95 72	90.6 69.9
SAIMT LOUIS WASH UNI	MAX	92	71 55	74 55	66 52	72 50	80	86 66	88 65	88	90 63	95 69	93 72	95 70	97 73	97	90	91 69	95	97 74	97 75	97	96 74	92 63	93 66	95 72	103		101		101	91.2
SALEM	MAX	87	73 53	79	62	70	77	83	81	85	87 61	91 63	94	92	92	92	88	88	91	93	92	93	92 67	89 57	87 58	91		100	97	96 71	95	87 • 8 63 • 5
SALISBURY	MAX	71	64	63	73	78 50	86	85	86	83	91 63	92	87	91 62	94	87	86 65	92	96	96 73	95 74	94	89 73	93	98		101			101	96 68	89.0
SAVERTON L AMD D 22	MIN	75	65	52 62	73	76	87	68	88	78	94	93	91	95	6B 98	92	88	68 92	96	99	99	97	89	62 95	97	103	102		93	96	90	89.7
SEDAL 1 A	MIM	78	56 69	64	71	51 80	86	85	87	86	65 91	68 93	90	68 91	92	70 85	87	70 92	95	75 96	73 95	76 93	74 92	93	65 98		103			102		67.3 89.8
SEL IGMAM	MIM	76	54 74	5 2 6 6	70	52 80	82	72 81	65 83	66 86	66 87	67 88	89	63	68 90	70 81	89	71 92	73 92	75	74 92	91	74 90	90	69 96	75 97	72 96	74 96	75 98	73 96	69 85	87.1
SEYWOUR 4 NNE	MAX	77	61 85	52 66	70	53 75	62 79	69 81	62 82	70	69 89	67 90	89	90	63 92	65 93	89	70	70 93	68 94	71 96	70	70 93	67 91	68 96	71 99	74 99	70 98	71	70 99	64 92	89+1
SHEL81MA	MIM	73	64	63	50 71	49 76	85	84	62 85	61	59 90	63 90	88	60 92	93	61	62 83	68	69 94	70 96	71 95	70	63 91	59 91	64 96	100	65 100	101	101	52 97	62 91	62+0
SIKESTON	MIM	57	48	47 85	45	46	61	68	56	62	63	65	65	61	65 95	68	63	67	73	71	75	72	72	57 95	60	73	76	73	70	71	69	64.0
	MIM	65	57	58	51	48	58	66	64	62	64	70	69	71	72	72	70	90 70	73	93 71	95 82	80	80	75	65	64	73	74	82	74	70	68+3
SIKESTON CROP EXP FARM	MIM	85 64	83 57	75 59	70 51	74 49	56	88 64	86 64	62	90	70	69	70	90 70	68	70	91 69	92 72	94 71	93 73	70	95 69	70	90 64	64	71	72	74	94 67	92 69	89.0
SPRIMGFIELD WB AP	MIM	75 57	77 56	51 51	73 46	80 52	64	83 69	86 64	90 68	65	90 65	66	91 64	92 67	69	90 67	92 70	94 71	94 71	94 70	93 68	90 70	92 62	96 69	99 72	73	101 74	75	98 69	90 67	88 • 8 65 • 7
STEFFENVILLE	MAX	67 57	62 52	62 49	71 46	74 50	61	85 68	86 62	80 57	90 64	90 67	87 67	90 64	93 69	86 67	83 63	89 63	93 70	73	<b>93</b> 75	91 73	87 70	91 61	95 64	98 73	99 76	98 73		91 68	87 69	86.5
SWEET SPRINGS	MIM	72 56	68 54	65 52	. 74 . 46	81 50	86 64	85 71	87 60	86 63	92 65	94 66	87 66	91 59	92 62	85	88 65	91 69	95 72	96 73	95 72	94 71	91 73	92 58	98 65	100 71	102 71	70		70	97 66	89 • 4 64 • 6
TARX ID	MAX	70 55	69 54	65 49	71	79 54	81 65	81 54	86 54	88 61	89 69	92 71	83 63	85 65	88 68	82 64	82 59	88 66	91 71	90 71	92 74	93 68	86 61	90 64	96 68	100 74	99 74	96 72	95 71	96 72	90 66	86 • 4 64 • 0
TRENTON	MAX	65 57	65 53	67 52	73 48	77 53	85 63	82 72	87 56	85 63	90 67	92 67	88 66	89 65	89 67	84 68	94	89 69	94 73	95 74	94 74	93 72	90 67	92 63	97 65		102 79	98 75		99 73	97 73	88 • 4 66 • 3
UNION 1 SE	MAX	85 61	72 48	72 53		81 42	86 59	85 69	89 65	85 61	93 57	92 61	94 65	96 62	95 64	93 68	91 63	94 65	96 68		99 68	98 72	90 69	93 55	97 58		106	108	101	104	99 66	92.3 62.7
UNIONVILLE	MAX	63		63 48		71 49	80	78 69	81 53	81 62	84	86 65	80 65	86 62	87 69	83	84	85 64	89 73	90 73	91 73	89 69	85 63	87 60	92 63		96 73			95 70	88 69	83.6
VANOAL TA	MAX																															
VERSAILLES	MAX		67 53			78 50		90 69	89 70			90 65		90 62							92 73	92		91 55			100		100	99 73		
VICHY CAA AP	MAX	68	73	60	68	79	86	85	84	81	91	90	89	89	91			90			94	95	85	90	94	99	99	101	98	99	93	87.8 65.3
HAPPAPELLD DAM	MIM	53 88	82	84	68	74	78	84	85	86	89	91	91	94	70 95	92	87	68 90	72 91	93	72. 95	71 95	94	65 96	69 88	90	96	101	102	98	96	89.8
MARREMSBURG CEMT T COL	MIM	74	-	56 65	73	50 80	85	63	65 86	90	92	67 93	89	71 91	69 91	71 82	70	67 91	71 94	72 96	73 95	71	70 90	69 93	99	101	101	99	101		96	89.3
WARRENTON 1 M	MIM	59		54 67		54 80	87	72 87	65 86	82	70 92	70 92	66 91	65 92	69 95	71 92	88	71 93	75 96	76 96	77 95	92	73 91	66 91	69 95		76 100		75	75 99		68.3
WARSAW NO 1	MIM	58		53 65		50 85	56 88	68 88	63 90	67 92	62 93	63 94	69 92	69 95	70 93	67 85	93	67 96	72	72		73	71	61 95	63	71	74	70		73	67	93.0
WASOLA	MIM	60	55	5 3 75	48	48	64	71	64	66	93	64	64	62 95	62 95	68	65	69			71	71		56		71	68	68		69	67	64.5
WAYNESVILLE 2 W	MIM	56	58	54	48	50	60	63	63	62	64	63	68	65	70	63	63	65	70	69	70	70	67	69	70	72	72	72		72	64	64.8
	мім	59	50	52	46	44	66	71	65	63		92 61	63	93 59	63		67	93 67	95 67		97 67	95 67	90 69	93	98 55	66	68	69	68	72	65	62.5
₩EBSTER GROVES	MIM	60	53	54	50		61	64	64	88 65	62	92 68	95 65		70	66	67	90 67	71	73	95 72	74.	70	91 62	93	69	103	76	70	98 71	67	90.7
WEINGARTEM	MIM	61					83 61	83 67	86 62	88 64	91 62	90 66	93 68		91 71	89 69	67	90 68			94 71		88 70	90 62			100 77			95 71		89.0

DAILY TEMPERATUR	ES	,
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MISSOURI Table 5 - Continued

14D20 O Continued																									_	_	_						
D. II																Day	Of	Mont	h														9
Station		1	2	3	4	5	6	7	8	9	10	n	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30 3	31	Ave
WEST PLAINS	MAX	77 57	83 57	63 53	74 50	79 47	83	80 67	84 66	91 65	91 61	91 62	94 67	95 64	92 65	87 66	91 63	92 68	94 67	94 68	94 66	93 68	93 64	92 64	93 58		102	101	99 71	98 70	93 69		89.7 63.7
WILLOW SPRINGS	MAX	78 57	81 53			79 44	83 60		85 64	91 61		91 59	93 60			88 65		91 66	94 65	94 65	94 65	93 66		91 61	93 57		102 66	100 75		97 63	91 66		89.7
WINOSOR 3 NW	MAX	69 57	68 54	65 53	73 48	79 53	84 65	82 71	85 68	83 65	88 70	91 66	87 66		90 67	82 70		91 70	93 73	95 73	94 73	92 70	91 74	92 56	97 66	100 72	102	98 74		101	97 70		88.2

## EVAPORATION AND WIND

Table 6

Chabi																I	Day of	t mor	ath														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Awg.
	EVAP WIND MAX MIN		80 65	91 61	81	38 82	74 91	92	42 94	48 91	47 99	99	40 95	17 101	30 100	90	42 97	98	102	105	102	98	96	100	28	103	38	103	53 101	102	103		7.77 1397 94.6 68.5
LAKE5I0E	EVAP WINO				.05 78	.20 27				.25		.31		.24 30					.26											.48	.38		8.12 1321
	EVAP WIND				.21 46		.21								.24	.28		.20 11	.19					.16 16						.28 15	.24		6.90 691

MAX AND MIN IN TABLE 6 REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

## DAILY SOIL TEMPERATURES

																Day	of mo	nth															rage
DEPTH	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave

#### SIKESTON CROP EXP FARM

																													_	_			
1	INCH	6PM	76	73	66	66	70	75	78	73	72	84	82	86	83	82,	76	76	81	82	83	79	80	80	78	79	83	69	88	87	88	85	79.
3	INCHE5	6РМ	78	75	70	69	71	75	77	76	<b>7</b> 5	83	83	85	83	82	77	78	82	83	83	80	81	81	79	80	82	88	88	88	88	85	80.
6	INCHES	6PM	77	74	71	69	71	74	76	76	77	81	82	83	82	82	77	78	82	83	83	81	81	81	79	80	81	85	87	87	87	84	79.
12	INCHE5	6РМ	73	71	69	68	68	69	71	73	74	75	77	78	78	78	76	76	78	79	79	79	78	78	78	77	78	79	81	82	82	81	76.
24	INCHE5	6PM	68	68	68	67	66	66	67	68	68	74	71	72	73	73	73	73	73	74	74	75	75	75	75	74	74	75	76	76	77	77	72.
48	INCHE5	6РМ	63	63	63	63	63	64	64	64	64	64	65	65	66	66	67	67	67	68	68	68	69	69	69	69	70	70	70	70	71	71	66.
72	INCHE5	6PM	60	60	60	60	60	60	60	61	61	61	62	62	62	62	63	63	63	64	64	64	64	64	65	65	65	66	66	66	66	66	62.

## MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1953-54

MISSOURI JUNE 1954

		,			Season of	1953-54								JUNE 1954
Station	July	August	September	October	November	December	January	February	March	April	May	Ĵune	Total	NORMAL JULY-JUNE
AQVANCE 5 ESE ALBAYY AMITY AMITY ANDERSON 1 SW ARPLETON CITY	0 0 0	0 0 0 0 0	22 39 24 21 11	204 202 183 183 156	575 580 567 596 531	866 965 969 873 848	876 1218 1173 883 987	508 617 597 564 528	579 821 797 619 635	117 232 204 108 133	113 232 209 190 148	6 22 18 16 9	3866 4928 4741 4053 3986	
ARCADIA RETHANY RETHANY RETHANY REF RLACK 6 NW ROLIVAR	0 0 0 1 0	0 0 0	48 24 30 10	237 197 222 152	518 584 538 602 499	864 972 882 881 803	1227 937 955 934	623 534 569 515	599 827 630 649 620	102 240 111 118 107	168 253 193 184 156	28 10 10 11	5039 4056 4221 3807	
RROOKFIELO BR.WSWICK BUTLER BUTLER BUTLER CAA AP CAMDENTON	0 0 0	0 0 0	18 13 18 17	183 99 183 191	538 544 526 565 564	892 897 834 909 865	1101 1081 966 1059 973	576 573 490 571 536	732 618 718 673	16S 158 136 189 97	172 177 153 198 188	16 14 13 13 9	4396 3848 4423 4113	
CAMPBELL CANTON L AND O 20 CAPE GIRARDEAU MO ST CAPLINGER MILLS CARROLLTON	0 0 0	0 0 0	48 11 16 30	225 163 171 213	601 510 525 601	950 846 838 961	1181 907 946 1115	675 510 537 602	838 595 607 736	259 133 91 177	236 155 197	24 11 10 20	5037 3841 4652	
CARTMAGE CARUTMERSVILLE CHARLESTON CHILLICOTHE RADIO KCHI CLEARWATER DAM	0 0 0 0 0	0 0 0	12 2 13 40 29	166 114 155 199 211	508 411 504 569 543	790 754 805 932 862	924 753 845 1139 896	498 398 459 613 529	577 450 526 762 588	105 83 101 183 96	169 96 109 226 138	10 5 4 21 7	3759 3066 3521 4684 3899	
COLUMBIA WR AP CONCERTION CRYSTAL CITY 1 N DONIPHAN EDGERTON	0 0 0	0 0 0 0	25 24 31 15	183 170 238 175	548 556 580 505 582	887 948 840 829 940	1070 1216 965 870 1131	617 588 552 491 570	732 822 667 560 757	185 218 136 98 162	189 224 185 136 217	22 20 8 9	4458 4786 4202 3688	5113
ELDON FARMINGTON FARMINGTON CAA AP FAVETTE FOUNTAIN GROVE WILDLIFE	0 0 0 0	0 0 0 0	11 19 31 27 37	165 203 231 193 220	516 524 599 571 633	810 859 919 899 922	978 959 999 1072 1116	539 547 607 597 617	672 646 705 743 773	127 126 156 186 200	160 182 229 199 212	18 12 24 21 19	3996 4077 4500 4508 4749	
GRANT CITY GREENVILLE 4 NNW MANNIBAL WATER WORKS HARRISONVILLE	0 0 0	0 0 0 0	36 20 34 18	190 188 204 171	584 554 586 533	1007 852 953 838	1254 892 1160 1036	644 525 683 531	860 595 823 639	225 109 239 148	220 149 214	6 31 12	3890 4927	
MEMITAGE MOUSTON ACKSON JEFF CITY RADIO KWOS JOPLIN CAA AP	0 0 0 0 0	0 0 0	21 11 27 10	186 165 205 151	615 550 535 536 470	893 826 842 839 800	1030 942 894 1000 918	622 551 494 561 516	703 652 576 678 616	161 119 115 147 94	215 171 137 190 148	7 20 10	3776 4203 3733	
KANSAS CITY WB AP KANSAS CITY UNI OF K C KEMNETT RADIO KBOA KIDDER KIRKSVILLE RADIO KIRX	0 0	0 0 0	13 17 7	151 175 131 206	522 558 461 620	890 921 770	1101 1111 783 1209	541 553 421	717 726 466 867	172 167 81 252	153 176 82	10 11 2	4270 4415 3204	4888
KIRKSVILLE CAA AP KOSHKONONG LATHROP 3 SH LEBANON 1 ENE LOCKWOOO	0 0	0 0 0	56 11 22 18	240 131 179 138	655 473 582 515 465	1044 797 962 826 790	1253 846 1128 946 914	723 597 537 504	882 495 778 652 577	289 62 183 120 99	269 97 237 184 149	38 2 22 11	5449 4489 3992 3664	
LOUISIAMA STARKS NUR MALDEN CAA AP MARRLE HILL MARSMALL MARSHFIELO	0 0	0 0 0 0	43 10 23 9	218 156 214 173 178	597 508 592 547	917 822 888	1070 890 904 952	626 495 519	779 569 599 695 649	197 114 121 159 112	207 113 151 168 168	19 4 8 19 12	4673 3681 4019 4021	
MARYVILLE MOMERLY RADIO KNCM MOUNTAIN GROVE 2 N MOUNT VERNON 3 SW NEOSHO	0 0 0	0 0 0 0	27 30 11 15	203 204 165 178 167	635 578 496 539 513	1023 922 840 811 773	1247 1111 939 921 919	641 646 529 541 499	856 767 651 617 564	255 198 112 102 83	233 189 154 171 165	22 28 6 11 8	5142 4673 3903 3906 3706	
NE VAOA NEW FLORENCE OREGON PERRYVILLE POPLAR BLUFF	0 0 0	0 0 0 0	6 28 22 22 11	141 195 183 189 165	489 549 595 539 503	780 876 980 871 802	948 1050 1227 944 842	461 601 596 511	587 727 804 612 522	105 176 208 121 97	117 185 227 153 119	7 21 13 6 9	3641 4408 4855 3968	
RORTAGEVILLE PRINCETON SAINT CHARLES SAINT JOSERH WR AP SAINT LOUIS WR AR	0 0 0 0 0	0 0 0 0	7 47 18 27 19	126 157 208 169	456 590 521 595 516	759 971 792 971 842	780 1210 968 1219 992	422 635 544 630 588	461 630 793 703	84 256 122 222 162	77 269 141 204 172	3 37 7 12 12	3175 3900 4881 4175	5336 4699
SAINT LOUIS W8 CITY SAINT LOUIS UNIVERSITY SALISBURY SAVERTON L AND 0 22 SEOALIA	0 0 0	0 0 0 0	10 9 24 24 15	143 144 183 177 178	473 463 551 534 530	797 779 908 851 839	957 953 1082 1063 990	559 540 587 615 540	670 642 725 766 655	155 134 175 194 144	156 135 177 174 165	9 9 22 15 16	3 929 3 808 4434 4413 4072	4469
SELIGMAN SEYMOUR 4 NNE SMELBINA SIKESTON	0 0 0	0 0 0	5 17 49 12	152 202 206 165	497 586 606 526	813 936 829	873 971 1116 865	514 569 622 493	603 692 788 579	92 111 206 124	166 202 226 122	13 20 30 7	3728 4785 3722	
SPRINGFIFLO WB AP STEFFENVILLE SWEET SPRINGS TARKIO TRENTON	0 0 0	0 0 0	13 40 24 43 24	176 208 205 202 148	548 585 549 603 530	867 930 898 958 929	963 1140 1058 1260 1169	584 645 570 669 571	672 806 708 903 765	125 220 176 281 195	183 207 196 258 176	14 29 16 20	4145 4810 4400 5197 4526	4693
UNION 1 SE UNIONVILLE VANDALIA VERSAILLES VICHY CAA AP	0	0	33 41	216 206	602 618	858 1009 859 856	976 1243 998 1006	578 691 556 597	675 895 698 733	141 279 144 161	201 268 212 191	14 38	4294 5288 4317	
	1											r	1	1

## MONTHLY AND SEASONAL HEATING DEGREE DAYS

Season of 1953-54

JUNE 195

Station	July	August	September	October	November	December	January	February	March	April	Мау	June	Total	NORMAL JULY-JUN
WARRENSBURG CENT T COL WARRENTON 1 N WARSAW NO 1 WASOLA WAYNESVILLE 2 W	0 0	0 0 0	7 20 6 27	145 170- 164	478 520 544 459	835 808 835 772 828	982 1019 982 890 925	501 545 542 492 531	645 677 651 610 673	137 143 132 84 119	139 162 161 129 184	12 17 10 4 16	3881 4081 3610	
WEBSTER GROVES WEINGARTEN WEST PLAINS WILLOW SPRINGS WINDSOR 3 NW	0 0 0 0	0 0 0 0	10 15 15 22 14	195 148 184 208 168	540 471 554 580 537	843 813 861 984 866	988 921 955 973 1022	586 530 560 556 558	679 650 634 647 675	152 123 113 111 178	164 136 177 176 202	9 8 12 11 16	4166 3815 4065 4268 4236	

DEGREE DAY NORMALS IN THIS TABLE ARE DERIVED FROM THE PERIOD 1921-1950.

## CLIMATOLOGICAL DATA

MISSOURI DELAYED DATA

				Tem	perat	ure									P	recip	itation					
Station	Average Maximum	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Max		Min.	Total	Departure From Normal	Greatest Day	Date	Snow	Max. Depth on Ground	Date	No More⊕	0 or More	1.00 or More
MAY 1954 COUTHWESTERN DIVISION WARRISONVILLE	72.3	48.9	60.6	- 3.2	84	22+	31	4	163	0	٥	2 0	5.39	0.96	2.37	2	0.0	0		10	4	1

## DAILY PRECIPITATION

Table 3								_																							
	<u></u>													Do	y of n	nonth															
Station	10	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25		28	29	30	31
HAY 1954 HARR SONVILLE	5.39	.54	2.37	.25				.05										:50		.12						.20	.32		.37		.50

DAILY TEMPERATURES

Table 5											A			ши		LIL.	. T	O I	انتلانا .	ب															
	Cu.																Day	Of	Mon	nth														rage	
	Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Āveı	
MAY 1954 HARRISONVILLE		MAX MIN	66 49	64 43		57 31			64 40		65 36		73 50		71 48		82 54				70 49	69 41			84 64	80 59		74 57			76 54			72.3	

## STATION INDEX

													,							2 195-
Station	Index No.	County	Drainage ‡ Latitude	Longitude	Elevation	Temp. grad	ion		Refer to tables	Station	Index No.	County	Drainage;	Latitude	Longitude	Elevation	Obeen vation time	Observer	Ret to tabl	
Advance 5 ESE Albeny Alton Asity Amsterdes	0051 0127 0143	Stoddard Gentry Oregon DeKalb Sates	10 37 05 4 40 15 1 35 42 4 39 62 6 38 21	89 80 94 20 91 24 94 29 94 35	385 872 850 1920	8P 6P 5P	SP Selio Soroni SP Willias J. Sutlet 7A Sdna 5. Ball 7A 0. M. Colhour MID R. A. Kershasr	r	2 3 5 C 2 3 5 3 3 C 2 3 8 7 C	Ecshkonong La Belle Lakeside Lamps Lamps Lemps L	4637 4694 4705 4727	Oregos Lewis Miller Bartos Stone	8 8	36 35 40 07 38 12 37 30 38 34	81 38 81 55 92 37 94 18 83 28	958 - 585 960 -	7A 7 7A 7	a Genevieve 7, 5mltb A James M. Fishback A B. S. Frans A M. Aeil Van Hofften A Orlsy F. Scott	3 3 5 6 2 3 5	7 C
Auderson 1 5g Annapolla 7 5g Appleton City Arcadim Ashton 1 g	0179 0204 0224 0312	EcDonald Iron 5t. Clair Iron Clark	8 35 38 1 37 20 9 35 12 10 37 35 9 40 27	94 27 90 47 94 02 90 37 91 49	1000 800 925	6P 5P	7A Euth C. Backins 7A Opal G. Rutter 6P F. Paul Sys 7A Arcadia College MID Gles A. Soodruff		2 3 5 7 3 2 3 5 C 2 3 5 C	Lamps 4 NNS Latbrop 3 SE Lebancon 1 EME Less Summit 1 M Lealagton	4773 4925 4645 4804	Stone Clintos Laclads Jacksos Lafayetts	4 9 7 7	37 41 39 56 39 11	83 24 84 23 92 38 94 33 83 53	1080 1240 - E58	7A 7	D Mrs. A. O. Rogers P Cscil F. Eays & Brodie D. Barnett B Benjamis F. Saith & Billiam E. Callon	2 3 5 2 3 5 2 3 5	C C C
Auxvesse Ava Hanger Statlon Bedford 1 5 Bellevice Persic	0365 0503 0539 0585	Callacay Douglas Livingstos Iros 9toddard	7 39 0D 13 39 57 4 39 41 5 37 41 10 35 40	91 54 92 40 93 23 90 41 89 58	1080 300		7P C. H. Hook 8A U.S. Forest Servi MID Harry 5. Stephen 7A Beulah M. Alexand 7A Harold M. Summer	e der	3 3 C 3 C	Licking 4 8 Lineaus 2 8 Livonis Lockwood Louisians Starks Sur.	4975 5014 5027 5083	Texas Linn Putnam Dade Pike	2 8 5	37 33 39 50 40 29 37 23 39 25	82 42 93 57 91 03	1277 635 1078 469	6P 7 5P 5	A Robert O. Damson P Merls Sade D Mrs. Icel M Tade A Bubert A. Miemas P Etark Bros. Mermery		7 C C
Bethany Birch Tree Black 5 NN Bloomfield Polivar	0668 0685 0735 0788	Harrleon Shannon Iron Stoddard Polk	4 40 15 1 35 69 1 37 37 10 35 53 9 37 37	94 02 91 30 90 59 66 56 93 25	1000 440 1071	79 5P	7A Carl E, Blaughte: 7A Wildrad E. Catle: 7P Otto Goggin 7A George 5. Long 5P S# Baptlet Colle;	ge	2 3 5 7 2 3 5 7 2 3 5 3 2 3 5 7 C	Louisians Lucerns Escedosis Lookout Macon Madisos	5121 5164 5175 5183	Pike Putnam Wiplsy Macon Monros	1 2 5	39 27 40 27 36 45 38 45 39 28	92 28 92 12	875	7A 7	A George A. Garser A D. A. Browsing P Roy C. Robisett A John *, Ateell A Eace *cod	3 3 2 2 5 3	7 7 C 7 C
900nville Ester Sorks Boeling Green Bradleyville Brookfield Brussick Buffalo	0856 0878 0980 1037	Cooper Pike Tabey Llan Charlton	7 39 59 8 39 21 12 36 47 4 39 47 4 39 28	82 45 91 12 82 55 93 05 63 06	650 - 767 652	7A 5P 7A	7A Boonville Mater 1 8A Virgil Cook 7A Elser A. Bubhard 5P G. F. Brees 6P G. E. Bensche 8A L. H. Bowerton		2 3 5 3 2 3 5 2 3 5	Malden CAA AP Malden 3 W Mannfleid Earhie Bill Marghall	5207 5227 5253 5298	Dunkiln Dunkiln eright Boilinger Saline	10 12 6 7	38 38 36 36 37 06 37 16 39 07	58 58 89 58 92 35 EE 5E E3 11	295 - 440 775	6P 7 5P 5	D O.E. Civil Aero Ade D Arther Mc Glll A Meary O. Grows A Gilla B. Gillams P Musicipal Dtilitles	3 3 3 5 2 3 5	° c
Susker Surlington Junction Sutler Butler CAA AP	1101 1141 1145 1147	Sayaolds Nodseay Bates Sates	9 37 38 1 37 27 7 40 28 6 38 16 9 38 16	93 05 81 13 65 04 94 20 94 20 92 45	848		7A C. D. Bighley 7A Reiph B. Fuller 5P Herley E. Johnson MID U.S. Clvil Acro 4P Eo. Connerv. Com	MDA	3 3 2 3 5 3 3 5 7	Marehfield Martheburg Maryville Maryville 7 100 8 McCredie 3 8 McCredie Exp. Station	5319 5340 5345 541D	Audrain Modmeny Eodaeay Callagay	7 7 7	37 20 3E 06 40 21 40 35 36 58 38 67	94 53 £1 58	1464 1169 1143	SP 6	P Sho-Me Power Co. A Fr. B. Frmese P E. M. Mostgomery D Earl *. Truehlood D Lelia E. Crmig D O.E. Boil Commerv.	2 3 5 3 2 3 5	000
Centon Lock & Den 20 Cep Au Grie Lock & Dan Cape Girardenu Mo State Cape Girardenu Caplinger Mille	1275 1283 1291 1296	Lesin Lincoln C Girardeau C Girardeau	9 40 08 8 39 00 9 37 18 9 37 18	91 31 90 42 89 32 89 32 93 49	347	4P 7P 5P	7A Lockmaster M1D 0. 6. Engineers 5P Temchers College 7A Lee L. Albert 6P 3. E. Price		2 3 5 2 3 5 3 3 5 7 3 2 3 5	Memphis Mercer 6 NW Mealco Middletoen 5 NG	5492 5519 5541 5565	Scotiand Murcer Audraln Piks	6 6 6	40 27 4D 33 39 10 39 10	92 10 93 36 91 53 91 32	800	7A 7 7A 7	A John 6. Alexander A Oscer L. Hartley A D. S. Goods A Eloise M. Graham A Charles E. Smith	2 3 5 3 2 3 5 3	7 c
Carrollton Carthage Caruthersville Canuthersville Cannville Ranger 8tm. Centerville	1359 1364 1383	Reynolds	7 38 22 11 37 11 6 36 11 12 36 41	93 30 94 17 89 39 93 52 90 57	754 892 270	6P 6P 5P	8P Barold 6. Finley 7A Mintford C. 8mil 7A Victor T. Mallow 7A Florence A. Emros 7A Corda June Sarris	re	2 3 5 2 3 5 2 3 5 3 7 C	Miller 2 8E Moherly Sadlo ENCM Somet Somet Sonroe City Mors	5594 5971 5700 5708	Laerence Mandolph Barry Monroe Senton	10 6 6 9	37 11 36 24 36 55 39 39	93 48 92 28 93 55 91 44	1310	6P 6 8A 8	O Eilliam A. Gerontte P Eadlo Sta. EMCM A Emmeth G. Meuser 5 J. 6. Conesy D Emma M. Meyer	2 3 5 2 3 5 3	CCC
Centerville Sanger Sta. Centralis Chadeick Charleston Chillicothe 2 S	1492 1490 1540	Reynolds Soone Christian Eisminnippl Livingston	1 37 26 6 39 12 12 36 58 9 39 56 4 39 45	90 57 92 09 93 03 96 21 93 33	771	6Р	8A U.6. Forest Servi 6A Emrl E. Seymour 7A Sylvia Fletcher 6P Charleston Fire I 7A B. O. Dupy	Dep	3 3 2 3 5	Morehouss Sonelle Mountain Grovs 2 M Mount Vernon 3 98	5916 5934 5861 5976	Mew Madrid Franklia Gright Lasrence	5 3 9	38 32 36 51 38 23 37 09 37 04 36 52	90 54 92 19 93 52 94 22	497 1463 1174	5P 8 6P 8	P J. A. Spence A Ernewt J. Foster A Mo Fruit Exp 6ts P Wa. E. Eirchhoff P U.6, Fisheries Sta.		7 C
Chillicothe Radio EC81 Clarksville Lock & Das Clearwater Das Clifton City Clinton 1 NNW	1940 1674 1704	Livingntos Pike Sayne Cooper	4 39 46 6 39 22 1 37 07 7 38 45 9 39 22	93 33 90 55 90 47 93 02 93 47	648	PA.	85 Radio Station gCr MIO U. 6. 6nglneers 7A U. 8. Engineers 7A F. 8. Meedy 9A Loyd M. Millan		2 3 5 7 2 3 5 C 3 2 3 5 C	Mevada Mee Bostos Nee Florence Nee Medrid Oatss Toeer	5999 6007 6040	Verson Linn Montgomery New Madrid Reynolds	6	37 32	99 31	880 295	6P 6	A Beury Kraft A Gerald E. Bill P Berhert 8. Davault A Sess Bemsley A Sthel Sue Adams	2 3 5 3 2 3 5 3	7
Colona Columbia #B Airport Conception Concordin Cook Statlon	1790 1922 1837	Carroll Boone Modmeny Lafayette Craeford	4 39 31 7 39 58 7 40 16 7 38 59 5 37 48	94 41 93 34	778 1108 780	5P	7A Jewel B. Trunsel: MID 0.6. Seather Sur- Sp Fr. Adelhels Hes 7A Martin Brockman 7A Thoman J. Gorman 9A Soy E. Thomlison	•	3 2 3 5 9 7 C 2 3 5 3	Odens Oregon Oregon 1 NE Osceola 3 NE	6357 6359 6407 8438	Lafayette Helt Kodaemy St. Cleir Gasconede	7 7 9	39 00 39 59 39 59 38 05 38 21	95 09 95 08 93 39 91 30	1093 1040 - 940	1 7	A Sp. E. Dougherty A James M. Curry D Addie A. Burtnett A Gas B. Simmons A F. E. Buschmans	2 3 5 3 3	7 C C
Crane Mountain Crocker Crystal City 1 N Cuha Danville 1 EME	2004 2031 2043 2095	Pulaskl Jefferson Crasford Montgosery	5 37 48 10 37 27 9 37 57 6 38 14 5 35 04 7 38 55	91 24	420 - 830	5P	SP Charles Iden SP Oncer F. 71dd 8A Fr. C. J. Bornne;	у	3 3 2 3 5 3	Ozark Ozark Besch Pacific Palsyra Paris	6480 6469 8493	Christian Taney Franklin Marlon	5	37 01 36 40 38 29 39 48 39 26 36 37	90 44 91 30 92 00	700	2	A F. S. Buschmans A Silliam L. Seed A Empire Dis El Co A Arthur D. Lesis A Jesse E. George A J. S. Reed A Laura E. Morgan	2 3 5 3 3 3	
Ocering De Soto Deater Doniphan Donlphan 2 \$	2220 2235 2299	Pemlscot Jeffersos 6toddard 8ipley	10 35 12 6 36 09 10 36 47 1 36 37 1 38 37	90 50	344	6P	7A Clarence 6. Carm 7A goy E. Dewey 6A J. L. Jacknon 9P Soyce Lackey 7A Geo. Smungardner		3 3 2 3 5	Parma Pattonshurg Perry Perryvills Plerce City	6563 6633 6641	See Sadrid Davless Salin Perry Laeronce	4 5 6 8	40 03 39 26 39 43 36 57	89 45 94 09 91 40 99 52 94 00	710	5p 7	D Sade D. Moody D Mev. C. B. Green A John S. Bagen A John P. Davis	2 3 5	c
Dora Downing East End Edgerton Edins	231 8 2406 2474 2482	Ozark 6chuyler 1ron Platte Know	12 38 46 6 40 29 5 37 41 7 39 30 5 40 10 7 38 20		860	6Р	810 Alta M. Deupree MIO Edeard L. Beeler 7A C. O. 881th 7A Veima L. Jackson 7A Psul D. Pettlt		C C C C C C C C C C C C C C C C C C C	Pleasant Hill Polo Poplar Sluff Portagevills Potosl 2 S	6775 6791 6799 8928	Cash Caldeell Butler Eew Madrid Washington	7 1 6 5	37 54	90 23 59 41 90 47	332 282	7P 7	A Dean T. Enorpp A Ealph C. Olbright A C. M. Richardson P Portagsville Sev. D Arthur M. Michi P Gien L. Seanberg	3 3 5 3 3 5	С
Eldorado Springe Elijah 6111agtos Efilelnore 1 M	2511 2519 2547 2563	Cedar Ozark Seynolds Carter Lincoln	9 37 52 12 36 36 1 37 14	94 01 92 09 90 59			5P Arthur Eothwell 6P Clyde J. 6nodgra 7A Loyd P.1ce 7A 6. Phronia 6ande 6P Lloyd M. Privett 8A Soil Connerv. Se	## T#	2 3 5 3 3 3 C	Princeton Puxleo Qulin Reynolds 61chmond 7 M	6934 6970 7094	Mercer 6toddard 8utler Ecynolds Rmy	1011	40 24 36 57 39 36 37 24 39 23 39 09	90 15	315	7 7	J. S. Steinmeier A Torrence J. Johns A fifte V. Sill D Orslin S. Smith A Zlma M. De Clus	3 3 3	c
Eleberry Eminence 3 NAM Fmirfaa Farmington Palmington CAA AP Fayetts	2617 2729 2809	Shannon Atchison 6t. Francols	10 37 46	90 26	1250 - 896 698	7P MID	MID Thomas J. Chilto 7A Dillard A. Price 6A F. E. Esrsch EIO U.S. Civil Aero	Adm	2 3 5 7 C 2 3 5 2 3 5	61chwoods 81dgeway 1 68 Mohy Mogeraville 1 ENE Rolls 8chool of Eines Molls 5 86	7130 7314 7255 7263	Barrison Teas Echster Phelps Phelps	4 3 14	40 22 37 30 37 07	93 56 92 09 93 03	1420	9A S	A School of Mines D saiter M. Gaslson	3 2 3 5	0 0 00
Fisk Foreyth Fountain Grove Sildlifs Fredericktoon Fremont Tower	2981 2975 3995	Taney	7 39 09 10 36 47 12 39 41 4 39 42 10 37 34 1 35 58 7 36 51	93 09 93 18	870	86	SP lrvls E. Schaell 7A Jesse L. Ecklezl 7A Otto Kenyon 85 Eo. Cons. Comm. 7A M. B. Leslie 7P O.5. Forest Serv		3 3 2 3 5 3 3	80llm 3 E Rolla 4 SM 80llm 7 S Eound Spring	7265 7289 7267	Phelps Phelps Phelps	3 5 3	37 57 37 56 37 51 37 19 39 47	91 46 91 43 91 50 81 43 91 46 91 25 90 29	865 1040 970	M 1 M 1 M 1	D Lesiie B. Onderwood D Mrs. S. P. Light D Gertruds Posser A C. 6. Jones A Charise J. Econis	3 2 3 5	ccc
Pulton 4 3e Gelena Gallatin 2 ME Gerald Gover 2 M	3094 3132 3178 3300	Callmeny Stone Daviess Franklin Clinton	7 36 51 14 38 48 4 39 56 5 38 24 7 39 39 6 36 55	93 25 93 57 91 20	519 1025	6A	7P 0.5. Forest Gerv 8A F. E. Billigartne 7A 8srold 0. Steem 7A Frank Hersbhorgs 9P 6dwin B. Vemmer SiD Patricla E. Gris	r	3 5 C 3 3 C	Selot Charles Salat Jamen 3 NW Galnt Joseph WB AD Selot Louis WB AP Selot Louis WB City Selot Louis University	7440	6t. Charles Phelps Buchanan 6aint Louis 8t. L. City 6t. L. City 6t. L. City	6	39 39	91 25 90 29 91 40 94 55 90 23 90 12 90 14 90 19	465	MID MI	D Silliam S. Jones 0 0.S. Seather Suresu D 0.5. Seather Suresu D 0.5. Seather Suresu	2 3 5	7 C 7 C 7 C
Granhy Grant City Gressville 4 MW Gragory Landing Gravenning	3369 3453 3463 3483	Mswton Sorth Sayne Clark Wright	6 36 55 4 40 29 10 37 11 6 40 16 3 37 24 12 35 42	94 25 90 28 91 30	1134	5P	7A Wildred B. Batch 7A J. Homer gora	er	3 2 3 5 7 C 2 3 5 7 C 3 5	Selet Louis Essh. Only. Seles Selishury Saverton Lock & Dam 22 Sedella	7508 7514 7576	St. L. City Dent Chariton Salls Pattis Barry	5 2	37 38 39 26 39 38	91 33 92 49	472	69 6	P St. Lonim Caiv. A J. Sorp E. Brust A E. 6. Martia P David B. Mobertson A Lockmaster A Dr. J. 6. Cannadmy	2 3 5 2 3 5 2 3 5 2 3 5	7 C
Mailey Mandes 3 ME Manujhal Massihai Sater Sorks Marris	353 3565 3596 360 364	Barry Charlton Marion Marion Sulliven	2 39 36 5 39 42 6 3E 41 4 40 15	92 47 91 21 91 21 93 21	759	MID	MID Mary W. White 7A Orover C. Van Dy MID Eoger C. Elumina WID John E. Miller	- 1	3 3 5 7 C	Seligman Senecs Saymour 4 MME Shelblaa Shelbyvills	7956 7874 7720 7728	Newton Webster Shelby Shelby	8 12 5 6	36 50 37 12 39 41 39 48	94 37 93 45 92 03 92 02	1640 779	5P 8	A Dr. J. 6. Cannadmy A Ployd S. Pmewer D Bomsm N. Harrimon A Claude E. Grafit A Orwille L. Payne P Emmett L. Goe	2 3 5	c 7 7
Nerrisosvilla Neslegreco 2 8 Neerista Sermass Nermitage	371: 377: 379: 379:	Cmmm Lacleds Say Gesconde Hickory	9 38 39 3 37 45 7 39 14 7 38 42 8 37 58	92 37 93 68	693		5A Melvin R. Gellio Milliam E. Gerri 7A Joesph Munderlic EP Barold E. Carlet	b	2 3 5 C	Sikeston Sikeston Crop Exp Fm Siloam Springe Skidmore Speed 2 N	7772 7750 7813 7980	Scott New Madrid Bossll Nodmeny Cooper	6 12 7	36 51 38 48 40 17 38 51	89 35 89 35 92 04 85 95 92 50	=	7 MI	A Lucy M. Bumphreys P Carl D. Luper A Bess E. Byers D Nins B. Geysr D Elchard E. Stagner	3 3 5 2 3 5 3	, ,,,,
Mighee 5 E Bighpoint 3 SW Sormaraville Boustoe Wosstoe 1 EE	384 299 401 492	Noward   Nowiteau   Dunklin   Teaan   Teaan	7 38 42 8 37 58 7 39 14 7 36 38 10 34 03 3 27 20 3 37 19 6 37 23	E1 51	-	бр	WID Bilda M. Hargls WID Wrs. John E. Dutc WID Sallis E. Perkin  6P The Souston Serm WID Elesor Johnson	16	3 3 8 C	Spring City Springfield WB AP Etanberry Stewlville 2 M Bteffenville	7976 60D3	Greene Gentry Crawford Lowis Carroll	4 5	40 12	94 33 93 23 94 33 81 22 91 53 83 41		5P 7	D Elchard E. Stagmer D Oladye J. Cameron D U.E. Seather Surean D M. Trucasa Eagers A Alfred S. Goodman A Fennle V. Orons	2 3 5	70000
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Eabota E.C. St John & Simvood E.C. 75te & Hoisee E C 37te & Engton Ed	434 43E 434 434	I Jusper I Cierk I Clay I Jackson I Jackson	7 3M 08 7 3E 00 7 3E 03	E4 32 E4 30 E4 30	741	M1D	WiD U.E. Clvil Aero SA Mesley M. Sayden WID U.E. Seather Sur WiD Lester Appleate WiD Lester Appleate WID Lester Appleate SP Uslversity of K.	oau	2 3 8 7 C C C C C	Seet Eprings Tarklo Tecumash 2 M Topms 4 ME Treaton	9288 8313 9412 8444	Seline Atchison Geark Douglas Grundy Lincois	13	38 37	92 17		5	P Merhert F. Melhon JF P Lester E. Morton A Say B. Runt A Emrl 1. McMillan A M. B. Satem A Mobert L. Michols D Lovane A. Estrison	3 3 5 3	7 c
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#### STATION INDEX

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Station	Index No.	County	Drainage	T-Man de	Latitude	Longitude	Flavation		o bee	on.		Refe to able			Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	vat	di D	Observer	Rafer to tables
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tace Pappapollo Dam Parromaburg Cout. T. C. Parroma Bo. 1	8700 8719 8725	Jasper Wayka Johnsoe Barree Besios	7 6	28 38	55 46 46	84 35 90 15 63 44 91 06 93 21	8 8	78	SP S	7A Lester O. Sigars 8A U.S. Segimeere 8A Cent. Taach, Col. 5P W. T. Simmarmen 7A Dore Johnson	3 2 3 2 5 2 3 2 3	5	7 C C		Hamilton	3568	Celdas11	4	39 44	94 DO	980	6P	7A	Joneph W. Siddle	2 3 5
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#### REFERENCE NOTES

he four digit identification numbere in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers ithin a state,

issues and latters following the station name, euch as 12 SSW, indicate distance in miles and direction from the post office.

bservation times given in the Station Index are in local standard time.

elayed data and corrections will be carried only in the June and December lesuee of this bulletin.

tation names appsaring in tables, but for which data are not lieted, are either missing or received too late to be included in this ieeue.

aless otherwise indicated, dimensional units used in thie bulletin are: temperature in °F., precipitation and evaporation in inchee, and wind movement in milee egree days are hased on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown hootnote following Tahle 6.

leet and hail were included in enowfall averages in Tahle 1, heginning with July 1948.

sounts in Table 3 are from non-recording gages, unless otherwise indicated.

sta in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

now on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR QUIV" in Table 7 means the water equivalent of enow on the ground. It is measured at selected stations when the depth of enow on the ground is two inches or one. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of ocal veriability in the enowpack result in apparent inconsistencies in the record.

- Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.

  And also on a later date or dates.

  Amount included in following measurement, time distribution unknown.

  Gage is equipped with a windshield.

  Adjusted to a full month.

  Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

  Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

  Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

  Ons or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

  Amounts from recording gage. (These amounts are essentially accurate hut may vary slightly from the amounts to he published later in Hourly Precipitation Data).

  Tracs, an amount too email to measure.

  Includes total for previous month.

  Thie entry in time of observation column in Station Index means observation made near sunset.

Description Price: 15 cente per copy; monthly and annual, \$1.50 per year. (Yearly subscription includes the Annual Summary.) Checke and money orders should a side payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documents, overament Printing Office, Washington 25, D.C.

WRPC, Kansas City, Mo. -- 8-17-54 -- 960

#### CORRECTIONS

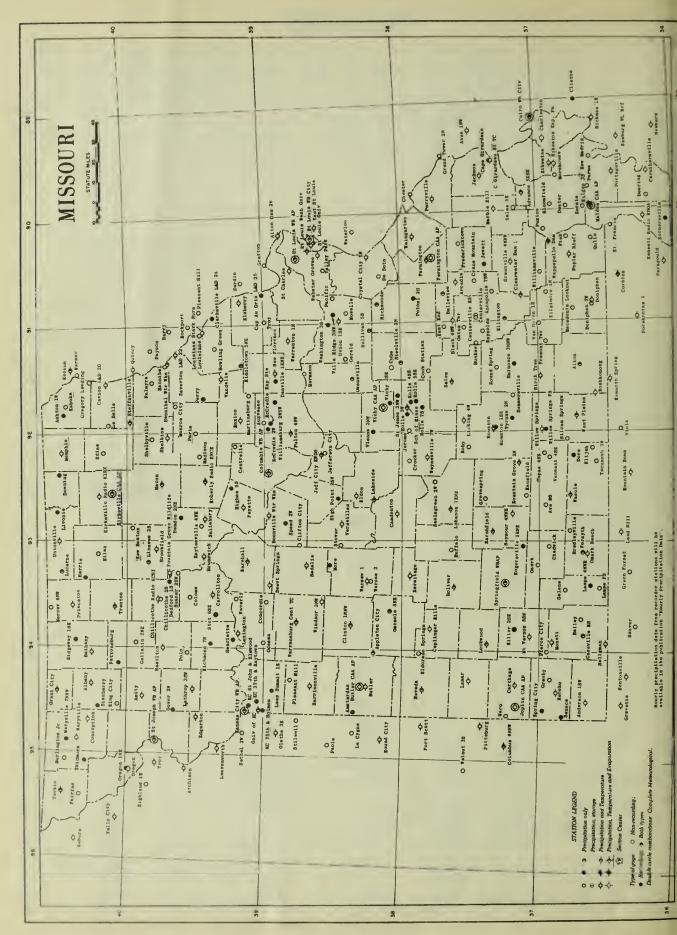
uly 1951: Columbia WB AP, Supplemental Data Table, percent of prevailing wind direction should he 12 inetead of 18.

Way 1954: Canton L & D 20. Tahls 2, high and date ehould be missing.

Charleston, Table 2, min 32° or helow should be missing.

St. Louis Washington University, Tahls 2, max 90° or above ehould hs missing.

Tscumseh, Tahle 3, 31st should he .11, total 4.57.



nat. Nest

UNM5 V.587

# U. S. DEPARTMENT OF COMMERCE SINCLAIR WEEKS, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

## CLIMATOLOGICAL DATA

**MISSOURI** 

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UNIVERSITY OF ILLINOIS

JULY 1954
Volume LVIII No. 7



#### MISSOURI - JULY 1954

C. E. Lamoureux, Section Director - Des Moines, Iowa

#### WEATHER SUMMARY

This was the 4th warmest and 4th driest July in Missouri since statewide records were begun in 1888, a period of 67 years. The average temperature for the State, 84.2°, has been exceeded only in 1901, 1934, and 1936. The average precipitation for the State, 1.40 inches, was the 4th smallest July rainfall in 67 years, with lesser amounts recorded only in 1916, 1930, and 1934. Considering both heat and lack of moisture together, only July 1934 was worse than July 1954. The highest temperature in the State during the month was 118° at Union and Warsaw on the 14th. This equalled the record temperature for the State made in July 1936 at Lamar and Clinton. The heat was particularly severe in the southwestern portion of the State. At Nevada the average temperature for the month was 89.5°; there were 24 days in the month with afternoon temperatures 100° or higher; the lowest afternoon temperature was 94°. It was exceptionally dry in the southwest; at Joplin the total rainfall for the month was 0.06 inch, while at Nevada it was only 0.11 inch.

Precipitation amounts varied somewhat over the State, ranging from a minimum of 0.06 to a maximum of 5.76 at Willow Springs. Only a few stations in the south-central part of the State had above normal precipitation, and several stations in the central portion had near normal amounts. There were two strips with amounts less than one inch; from Vernon, Barton, and Jasper counties eastward to Dent County and northeastward into Jefferson County, and the second strip along the Missouri River and also in the northwestern counties. The least precipitation fell in the southwest near the Kansas border.

The weak, frontal systems which moved across the State during the month failed to cause general rains in effective amounts. Occasionally one small section or another would receive a good fall of rain, but these were too widely spaced to be generally effective. The most striking feature on the weather map was the high pressure system aloft at the mid-month which through subsidence added to the heat and at the same time effectually shut off the flow of moisture bearing winds into the State. Temperatures on the 14th exceeded 100° in all sections of the State; 110° over a wide area from Kansas City southward to the Arkansas border in the west and extending northeastward to the Mississippi; and 115° in the west-central counties and locally in the east-central counties. The heat was so intense that there were extensive losses to hogs and poultry. The heat was very trying on the citizens in the two great cities of the State. In St. Louis the nighttime temperatures did not fall below 80° on 3 nights; in Kansas City the temperature did not fall below 80° on 8 nights. Before the month was over 94 deaths in Missouri were attributed to the extreme heat.

The farming community suffered severe losses from the heat and lack of rainfall. Wheat was harvested before the drought became severe, with a total crop of 168 per cent of the 10 year average and an average yield of 30.5 bushels to the acre. The harvest of oats was well along at the peak of the heat wave, with a record yield of 40 bushels to the acre indicated and a total crop 147 per cent of the 10 year average. But that was about the extent of the good news for the Missouri farmer. The Agricultural Marketing Service stated that the record breaking hot weather during July caused the largest loss of corn and hay on record. The corn crop was estimated at 18 bushels to the acre, the smallest since 1936. Much of the corn in the State was abandoned, while a large per cent of the acreage would be grazed or put into silage. The indicated production of hay in the State was slightly above that of 1953 but only 58 per cent of the 10 year average. The second crop of red clover was killed, and most of the lespedeza was either killed or used for pasture. The condition of pastures was given as 26 per cent at the close of the month, on a scale where 35 per cent is described as extreme drought. To provide forage many farmers were preparing trench silos for corn, and others were baling small grain straw for roughage. Soybeans withstood the drought better than the corn crop, and a yield of 11 bushels to the acre was indicated, the lowest yield in 18 years, but with a total crop larger than the 10 year average from an increased acreage. Cotton also withstood the dry weather, but the staffs were short. The yield per acre of cotton was appreciably higher than the 10 year average. Water shortage was also becoming acute on some farms, and there was some hauling of water for livestock and for domestic purposes. Because of the severe drought conditions, 76 counties in Missouri were declared eligible for drought disaster relief. This included all but the two northern tiers of counties and the southeastern counties.

#### SEVERE STORMS

One of the worst hailstorms of the season denuded 900 acres of cotton on Hurricane Ridge, near Kewanee Missouri, on the 3rd. There was some loss to corn and soybeans in the area. Total losses were estimated at \$175,000. Hailstones the size of golfballs and heavy rain were reported. On the same day a farmer and a small child were killed by lightning near DeSoto. Near Farmington a house was struck by lightning, and was burned with a total loss.

On the 22nd windsqualls accompanied a drought breaking rain in many localities. One of the more severe windsqualls struck the city of Springfield, where trees were uprooted, power and telephone lines were down, and a small building at the fairground was flattened.--CEL

#### SUPPLEMENTAL DATA

MISSOURI

	Wind	irection		Wind m.	speed p. h.		Relati	ve humi perc		rages -		Numl	per of d	ys with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6130P CST	Trace	6010	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
A MBIA WB AP	SSW	10	8.9	27	N	20	59	64	34	35	6	2	2	0	0	0	10	87	4.4
CITY W8 AIRPORT	NE	15	10.4	31	SE	19	54	63	40	34	1	8	2	0	0	0	11	83	4.4
T JOSEPH #8 AIRPORT	-	-	8.4	35	W	20	-	70	44	42	3	4	1	Ò	1	0	9	83	4.1
LOUIS WE CITY	SW †	13 †	10.6	56	SW	18	58†	64 🛊	39 †	40 🛊	5	2	4	0	1	0	12	81	4.3
NGFIELD WE AIRPORT	5	21	11.7	38	S	22	65	71	40	43	3	3	2	2	0	0	10	86	4.8

†--airport data

## COMPARATIVE DATA

THE

able 1																				JULI
	Т	emperatu	re	Pi	recipitatio	ac		Te	em peratu	re	Pr	ecipitatio	n		T	emperatu	re	P	recipitatio	n
Year	Average	Highert	Lowest	Average	Average		Year	Average	Highert	Lowest	Average	Average		Year	Average	Higheet	Lowest	Average	Average	
1888 1889 1890 1891 1892	79.3 77.1 79.6 72.7 75.8	111 107 110 103 102	50 46 42 45 45	2.85 4.02 3.04 3.23 4.88			1913 1914 1915 1916 1917	80.2 80.5 74.6 81.6 77.5	108 109 102 109 107	47 45 42 52 42	3.10 2.67 5.74 1.22 3.08			1938 1939 1940 1941 1942	79.7 80.0 77.7 79.3 78.8	110 107 111 110 104	53 51 45 46 50	3.50 2.91 1.58 2.75 2.85		
1893 1894 1895 1896 1897	77.3 76.5 74.4 77.3 78.7	103 109 106 108 106	51 42 45 48 48	4.67 2.67 6.77 5.51 3.14			1918 1919 1920 1921 1922	77.1 80.0 76.3 80.3 76.8	110 105 105 109 103	41 50 47 46 46	1.62 2.30 3.30 2.32 5.50			1943 1944 1945 1946 1947	79.6 77.6 75.1 78.9 75.0	104 105 105 107 108	46 40 44 48 39	2.49 2.62 2.10 2.68 2.17		
1898 1899 1900 1901 1902	76.1 76.0 76.9 85.4 77.0	104 102 102 116 103	42 43 46 46 50	5.72 4.50 4.15 2.02 4.10			1923 1924 1925 1926 1927	78.2 73.3 77.9 78.0 75.8	105 103 106 108 101	50 40 46 40 48	3.16 5.55 2.70 3.07 4.16			1948 1949 1950 1951 1952	77.4 78.8 72.8 76.7 79.7	102 101 98 99 109	46 52 42 48 45	5.45 4.90 4.47 5.59 3.48	T T T	
1903 1904 1905 1906 1907	77.4 74.2 73.4 74.7 78.4	102 100 101 100 105	51 47 48 48 51	3.40 4.61 8.07 3.54 4.56			1928 1929 1930 1931 1932	77.2 77.8 81.2 80.3 79.8	102 104 113 110 109	48 50 42 49 48	2.93 4.03 1.00 3.31 3.61			1953 1954	79.2 84.2	108 118	44 50	1.92 1.40	T	
1908 1909 1910 1911 1912	76.5 76.7 76.8 78.0 78.8	101 102 109 113 104	49 41 46 43 52	3.36 6.16 5.79 3.68 2.88			1933 1934 1935 1936 1937	79.3 86.2 80.8 85.3 77.9	108 117 104 118 105	49 48 53 44 45	2.67 1.18 3.30 1.52 4.06									

rages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

MISSOUP JULY 195

				160	perature		Nt-D			21	ecipi	tation	Clast T	1-12	N	-1=
Station	Average	Average Minimum	Average	Departure From Normal	Highest Date	Lowest	No. of Dey	in.	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	No or More ©	.50 or More o
NORTHERN OIVISION  LBANY MITY ETHANY ROOKFIELD ROUSSIICK ANTON LANO D 20 ARROLLTON MILLICOTHE RADIO KCHI OLUMBIA WB AP ROOKEPTION DEGERTON LSBERRY AYETTE	98.0 98.7 97.9 101.1 98.7 92.5 100.3 97.1 98.7 97.6 98.8 97.1	69.2 70.5 67.5 71.4 72.6 68.5 70.2 67.5 72.0 70.1 68.7 67.8 70.4	83.6 84.6 82.7 86.3 85.7 85.3 82.3 82.3 83.9 83.8 83.9	6.4 9.6 3.5 5.3 7.6 7.3 7.7 7.3 1.1	109 13 111 14+ 108 17 116 14 113 14 109 14 114 14 111 14 113 12+ 108 13 110 13+ 116 15 113 14	58 8 61 8+ 54 9 60 9 62 9 57 9 54 27 60 8 55 9 54 9	0 28 0 0 0 0 29 0 0 0 29 0 0 0 27 0 0 0 27 0 0 0 27 0 0 0 27 0 0 0 27 0 0 0 28 0 0 0 28 0 0 0 28 0 0 0 28 0 0 0 28 0 0 0 28 0 0 0 28 0 0 0 0	0 0.7 0 0.6 0 1.1 0 1.4 0 0.4 0 1.0 0 0.8 0 1.5 0 0.3 0 0.3 0 0.3	8 - 3.85 1 - 2.02 3 - 3.03 5 0 - 3.71 0 - 1.33 4 8 - 1.84 3 - 2.68 9 - 4.28 5 - 2.15 3 - 1.06 8 - 2.47	0.50 0.18 0.81 1.08 0.23 0.43 0.45 0.94 0.14 0.18 0.54 0.43	21 21 21 22 21 21 22 21 10 11 22 1	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			1011000100100010001010101
OUNTAIN GROVE WILDLIFE ULTON 4 SW RANT CITY AMILTON ANNIBAL WATER WORKS ANSAS CITY WB AP R IRKSVILLE RADIO KIRX IRKSVILLE CAA AP R ATHROP 3 SW OUISIANA STARKS NUR ACON ARYVILLE EMPHIS EMPHIS EW FLORENCE REGON RINCETON AINT CHARLES AINT JOSEPH WB AP ALISBURY AVERTON L AND D 22 HELBINA TEFFENVILLE ARKIO	97.4 100.9 96.6 97.5 93.4 98.5 94.1 93.0 97.9 98.1 94.6 95.4 93.2 100.5 97.1 98.4 95.0 97.9 99.5 96.0 95.2	66.8M 70.9 69.2 70.6 69.3 75.7 67.1 68.0M 67.1 69.6 67.3 69.6 67.3 69.6 67.3 69.6 72.2 67.4 70.4 70.4 70.4 70.4 70.4 70.4 70.4 7	82.1M 85.9 82.9 84.1 87.1 80.6 83.7 83.1M 80.9 82.5 83.4M 84.1 83.2 83.8 85.9 84.7 84.6 82.7 82.3 81.5 82.3	8.22 6.77 7.55 4.66 6.22 4.66 6.77 3.77 6.88 4.00 7.99 5.88 7.66 5.7	109 14 114 14 112 13 109 14 108 14 119 13 115 14 112 15 107 134 106 154 116 15 112 14 114 14 106 18 107 18 115 14 107 13 115 14	53 9 60 9 60 8 60 8 57 8 55 8 57 8 55 8 60 9 55 8 60 9 55 8 62 8 62 8 62 8 64 9 57 9 60 8+ 57 9 60 8+ 53 9 64 9	27 0 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 1.0 0 0.7 0 1.3 0 1.3 0 0.5 0 1.5 0 0.5 0 1.5 0 0.5 0 1.5 0 0.5 0 1.5 0 0.5 0 1.5 0 0.5 0 1.5 0 0.5 0 1.5 0 0.5 0 1.5 0 0.5 0 1.5 0 0.5 0 1.5 0 0.5 0 1.5 0 0.5 0 1.5 0 0.5 0 1.5 0 0.5 0 1.5 0 0.5 0 1.5 0 0.5 0 1.5 0 0.5 0 1.5 0 0.5 0 1.5 0 0.5 0  2.55 9 - 3.54 11 - 2.57 1 - 2.57 1 - 2.57 1 - 2.57 1 - 2.33 8 - 1.90 7 - 2.33 8 - 1.90 7 - 2.33 8 - 1.90 7 - 2.33 8 - 1.90 9 - 1.51 7 - 0.73 9 - 1.51 7 - 3.15 9 - 1.30 1 - 1.66 9 - 1.30 1 - 1.90 1 - 1	0.35 1.56 0.86 0.73 0.36 1.12 0.39 1.32 0.06 0.54 0.54 0.87	21 21 21 21 21 21 22 21 11 10 21 4 10 10 29 21 21		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		NANAN 4AANNAAA 4AN4ANAA 4 ONA 4 NANAA 4	OOHOOOHNHOHOHOHOHHHOHNHH	
TENTON  **YONVILLE  ANDALIA  ARRENTON 1 N  DIVISION  SOUTHWESTERN DIVISION  NOBERSON 1 SW  PPLETON CITY  DLIVAR  OONVILLE WATER WORKS  UTLER  UTLER CAA AP  ANDENTON  APLINGER MILLS  ARTHAGE	97.9 93.1 98.7M 101.6 103.0 100.7 95.8 101.8M 101.6 102.0 102.4	71.4 67.8 69.2M 66.6 71.3 72.9 71.8 73.8M 72.2 68.0 70.8	84.7 80.5 84.0M 83.4 84.1 87.2 86.8 83.8 87.8M 87.8M 85.0 86.6 88.1	7.9 4.0 6.2 6.4 6.8 9.0 9.5 6.4	114 144 112 14 116 14	57 27 61 9 60 9 61 26 56 9 54 27 61 27	0 28 0 0 0 0 22 0 0 0 0 0 27 0 0 0 0 0 0 0 0	0 0.4 0 0.4 1.1 0 0.4 1.1 0 0.4 0 0.4 0 0.4 0 0.6 0 0.6 0 0.6	2 - 3.00 5 - 2.69 2 - 2.49 0 - 3.71 18 - 2.93 2 - 3.30 1 - 1.20 1 - 1.20	0.52 0.13 0.29 0.71 0.19 1.11 0.83 0.97 0.35	21	0.0 0.0 0.0 0.0 0.0 0.0 T 0.0 0.0 0.0	000000000000000000000000000000000000000		TA 1 MALANNINGNAME	
LINTON 1 NNW LDON ARRISONVILLE ERMITAGE EFF CITY RADIO KWOS OPLIN CAA AP ANSAS CITY UNI OF K C AKESIDE BAMAR EBANON 1'ENE EXINGTON OCKWOOO ARSHALL ARSHFIELD OWETT	99.2 100.2 100.5 102.6 98.2 101.8 100.8 98.5 101.4 98.4 99.9 102.4 100.1 98.6	71.3 71.9 72.9 65.3 70.3 76.9 73.4 70.6 73.4 70.6 73.4 70.5	85.3 86.1 86.7 84.0 84.3 89.4 87.1 82.7 87.4 84.5 86.7 88.0 86.3 84.6	9.0 6.2 11.3 7.6 2.2 9.0 7.6 9.3 10.4 8.8	115 15 115 14 115 14 116 14 112 14 115 14 114 15 116 15 113 14 113 15 116 15 113 14 113 15 116 14 112 14 110 14	60 25+ 59 9 50 9 57 27 54 9 65 27 59 9 63 8 62 27 58 9 62 6+	26 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 3.6 0 3.7 0 1.6 0 0.5 0 1.6 0 0.6 0 1.6 0 0.6 0 1.6 0 0.6 0 0.6 0 0.6 0 0.6 0 0.6	03 - 0.40 4 - 0.08 4 - 2.37 64 11 - 1.30 06 - 4.56 35 - 0.71 99 - 1.16 27 - 3.95 99 - 2.57 72 - 4.04 06 - 3.27 37	1.09 3.04 0.63 0.22 0.81 0.03 0.77 0.10 0.77 0.19 0.30 0.17 0.11	24 24 29 5 8 22* 24 25 21* 17 24 15 21 7*	0.0	000000000000000000000000000000000000000		TONNA TO TANA NA TANA	31201020010000
HOUNT VERNON 3 SW HEOSHO HEVADA DARK BEACH SEDAL IA SELIGMAN SEYMOUR 4 NNE SPRINGFIELO WB AP WEET SPRINGS HERSBURG CENT T COL HARSAW NO 1 HASOLA HAYNESVILLE 2 W INDSOR 3 NW  DIVISION	100.6 100.2 104.0 102.6 100.2 97.4 98.5 98.0 100.9 98.8 101.5 104.1 98.4 100.0	71.8 70.5 75.0 73.5 71.3 71.5 70.8 70.4 74.6 70.6 69.2 68.9 73.3	86.2 85.4 89.5 86.9 84.4 84.8 85.9 84.6 88.1 87.4 83.8 84.5 86.9	7.9 9.9 9.4 7.7 7.3	115 14 115 14 116 14 118 14 111 14 115 14 115 14	58 27 58 27 55 9 62 26 63 6 54 1 64 26 55 9 58 8 64 9 58 9 61 6 54 26 64 9+	0 31 0 0 0 0 31 0 0 0 0 31 0 0 0 0 29 0 0 0 0 28 0 0 0 0 28 0 0 0 0 0 29 0 0 0 0 0 29 0 0 0 0 29 0 0 0 0	0 1.0 0 2.0 0 0.0 0 2.5 0 0.5 0 0 0 0.5 0 0 0.5 0 0 0.5 0 0 0.5 0 0 0.5 0 0 0.5 0 0 0.5 0 0 0 0.5 0 0 0 0.5 0 0 0 0.5 0 0 0 0.5 0 0 0 0.5 0 0 0 0.5 0 0 0 0.5 0 0 0 0 0.5 0 0 0 0 0.5 0 0 0 0 0.5 0 0 0 0 0 0.5 0 0 0 0 0 0.5 0 0 0 0 0 0 0 0.5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	01 - 2.64 11 - 3.55 17 - 0.82 55 - 2.89 157 - 3.37 45 - 0.72 77 77 199 - 1.92	1.99 0.11 1.46 0.52 1.37 0.41 0.94 0.46 2.11 0.63 0.90 0.85 2.42	24 24 24 1 23 23 5 24 24 24 8 8	0.0 T 0.0 0.0 0.0 0.0 T 0.0 0.0 T 0.0 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		113642433	O TO N I TO N O N O N I I
SOUTHEASTERN DIVISION  ADVANCE 5 ESL  ARCADIA  BIRCH TREE  BLACY 6 NW	97.2 95.5 97.1M 95.9			5.2 5.9 5.3 5.1	108 14 110 14	58 9* 54 10 55 10 53 10	0 30 0 0 0 26 0 0 0 29 0 0 0 25 0 0	0 1.0 0 1.0 0 1.0	29 - 2.83 56 - 2.02	0.63 0.66	24	0 a 0 0 a 0 0 a 0 0 a 0	0 0		4 3 4 2	0 1 1 1

TABLE 2 CONTENDED																				
_					Ten	npera	ture								P	recipi	itation			
					le.					80	No. of	Days		Te .	<u> </u>		Snow,	Sleet, H	ail	No. of Days
Station	_	Average	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Above 32° or Below	Below of Below Below	Total	Departure From Norm	Greatest Da	Date	Total	Max. Depth on Ground	Date	.50 or More 1.00 or More or More
CAPE GIRARDEAU MO ST CARUTHERSYLLE CHARLESTON CLEARWATER OAM ARYSTAL CITY 1 N DONIPHAN FARMINGTON CAA AP GREENVILLE 4 NNM MOUSTON ACKSON CLEARWATER TADIO KBDA ROSHKONONG LICKING 4 N WALDEN CAA AP WARBE HILL POPLAR BLUFF POPLAR BLUFF POPLAR BLUFF PORTIGEVILLE ROLLA SCHOOL OF MINES SAINT LOUIS WB AP SAINT LOUIS WB AP SAINT LOUIS WB CITY SAINT LOUIS WB CON CON CON CON CON CON CON CON CON CON	RRR	94.9 95.5 96.5 97.3 99.8 99.2 95.5 94.0 97.7 96.2 97.7 95.5 97.0 96.5 96.8 97.5 97.0 96.8 96.8 98.5 98.5 98.5	70.3 73.4 71.4 77.0 67.3 68.0 66.1 66.5 66.3 66.6 71.6 69.9 71.1 72.3 66.6 70.0 71.3 68.6 72.9 67.5 72.0 71.3 68.8 72.9 67.5 72.0 71.0 68.5 67.1	82.6 84.5 84.5 82.2 83.6M 83.6 80.8 80.3 82.0 83.5 82.3 83.5 84.9 81.8 83.4 83.2 84.7 85.7 85.7 85.7 85.7 86.8 83.4 83.6 84.9 83.6 83.6 83.6 83.6 83.6 83.6 83.6 83.6	3.2 4.00 5.00 5.00 4.5 4.5 6.2 5.9 3.5 6.1 4.00 7.66 5.2 5.2 6.66 4.5 5.8 6.4 4.1 4.3	108 107 108 109 106 108 105 114 112 108 107 105 113 115 113 115 113 115 110 104 103 109 1108	14 14 13+ 14+ 15 18 18+ 14+ 15+ 16+ 15+ 14+ 15+ 15+ 14+ 14+ 15+ 14+ 14+ 14+ 14+ 14+ 14+ 14+ 14+ 14+ 15+ 16+ 17+ 18+ 18+ 18+ 18+ 18+ 18+ 18+ 18+ 18+ 18	60 65 65 66 55 55 55 55 56 61 61 61 62 53 62 63 63 63 66 63 66 63 66 66 67 67 67 67 67 67 67 67 67 67 67	10 10 9 10 9 10 10 27 9+ 10 10 26 10 10 9+ 10 10 9+ 10 10 9+ 10 10 9+ 10 10 9+ 10 10 10 9+ 10 10 10 10 10 10 10 10 10 10 10 10 10		30 0 0 29 0 0 25 0 0 28 0 0 27 0 0 28 0 0 27 0 0 28 0 0 27 0 28 0 0 27 0 0 28 0 0 28 0 0 28 0 0 28 0 0 28 0 0 28 0 0 28 0 0 28 0 0 28 0 0 28 0 0 28 0 0 28 0 0 28 0 0 28 0 0 28 0 0 28 0 0 28 0 0 28 0 0 28 0 0 0 28 0 0 0 0		1.26 1.54 0.71 1.43 2.02 2.02 0.87 2.94 1.41 1.63 0.73 1.32 1.99 1.05 1.63 0.81 0.81 0.94 1.63 0.94 0.94 0.94 0.94 0.94 0.94 0.94 0.94	- 2.50 - 2.61 - 1.54 - 2.89 - 1.20 - 2.13 - 2.14 - 1.84 - 2.03 - 2.51 - 1.07 - 0.50 - 0.77 - 1.52 - 1.00 - 2.69 - 3.33 - 2.31 - 1.90 - 1.76	0 • 12 0 • 90 1 • 3	22 22 21 4 3 22 24 21 22 22 24 21 22 22 24 23 22 25 22 22 23 24 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	000000000000000000000000000000000000000		3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
OVANCE 5 ESE LBANY	1.19		.08						.09		Т					1			. 33			·19	0 60 60	.12	* 02 T						
LTON MITY NOERSON 1 SW	1.94 .61 .T0		т	.02				.05	•23		•08	.11								.10	.29	.18	.40	.10	.08	.19	.06		Т	Т	
NNAPOLIS 7 SW PPLETON CITY	1.38		.12	т				.44	т								.10					.11	•14	•07	•T1	•62				.02	
RCAOIA JXVASSE /A RANGER STATION	1.29 .6T 1.52		.63		-11		.14		•03 •15							7	т	.12					.40 .1T	.13	•07	.04					
LLEVIEW	1.50			.49		•04			.10										.10				.91	.55		.10					
THANY RCH TREE ACK 6 NW	1.13 1.56		•02		Т		.21		. 36			•01										.61	•30	.33	.27 .66						
OOMFIELD LIVAR	.38		.01			.19			т						.04	Υ .				.02	.OT	.09	• 38 T	т							
DNVILLE WATER WORKS WLING GREEN AOLEYVILLE	2.04		1.11	•19 •06	_	_	_	_	_		_	.06	_	_	_	_	_	_		-	_	.06	.30	_	•03	•03	_	- 1		•09	
OOKFIELO JN5WICK	1.45		.03				В				.10	.14										1.08	.23	т							
FFALO KER RLINGTON JUNCTION	1.47	- 1	-	T -	_ T	-	-	-	-	-	-	-	-	-	-	.63	-	-	-	-	- 84	.55	<u> </u>	-	- 10	-	-	-	-	-	-
TLFR TLER CAA AP	1.04				т .			T			т						.08 T					•13			.83						
MOENTON ITON L AND 0 20 PE GIRAROEAU MO 5T	.63 1.00 .69	.35 T		.13		т	.07	•02 T	.23			.01	•03			т		Т	.06	•08	.08 T	.05 .43 .16	.13		.08					.25	
PE GIRAROEAU PLINGER MILLS	.6T					·			•30	.20									.05	.03	.01	,	•20	.08		т					
PROLL TON THAGE UTHERSVILLE	.84	.11	.01				•02			.20	•27					.01	7				• > 0	.45	. 05	•22	T • 3T	•02			Т		
SSVILLE RANGER STA	3.09	.03		•51			1.16	}	.15							•02	<u> </u>				.96		•85	.77		.23					
TERVILLE TERVILLE RANGER STA TRALIA	1.86 .23	.43	.40	.01		Т	ı		.02	Т		•04								Т	.01	• 05	.09 .14 .14	•12 •17		.62				7	
RLESTON	1.93						1.12		.09							т			. 4 T			.14	<b>*</b> 50	٠06	• 56						
ILLICOTHE 2 5 ILLICOTHE RADIO KCHI FARWATER OAM	1.58		.8T	.04			Н		•11		•15	.16								T .09	.1T .08	.41 .40 T	T •52	.01 .23	* 02 T	7			T		
IFTON CITY INTON 1 NNW	1.T8 3.03	1.08		•13		• 65	т	.05									.15				.50	.03	•15		1.09				7	7	
_OMA _UMB1A WB AP R NCEPTION	1.20 .33 .39	Т	.56 .12	т	т	* 7.		т			•01 •18	.31			Т						т	•33		т	• 06				• OT		7
CORO I A	2.40			.13			1	Т	43		T						Т				•04	•19	.88	e26	•61				•01	.06	,
NE MOUNTAIN CKER STAL CITY 1 N	1.84		•42 •25	1.00	.35	•05		Ţ	•41						т			т		.06 .16		.02	.11	420	•17	.24				.01	
A	2.33		т	•48	. 35				.02											т		.00	•52		• 55	•76					
RING SOTO TER	4.40 1.5T .79			• 32	•01	.05	.24		. 42 .06							•10	•04						•32	2.50 .15 .61		•23 •04					
IPHAN IPHAN 2 W	1.43								.15 .17													.T8	1.0T	•11	•10						
T ENO GERTON NA	.T1 1.35 .85	T	.14	.03							•22	.54			. 45			.09				.04	•28	т	•11			•26	7	•21	
ON ORAGO SPRINGS	3.14						ı	т				•TT				Т					.17	.10		.04	3 • 04	ĺ					
IJAH LINGTON LSINORE 1 N	1.16 1.04				•60	•	.85	• 05	1.20 .23 .04								7	•	.10			.04	.18	1.65 .65 T	•51	•20					
SBERRY RFAX	1.65		•03	• 22	•20		т		.05		•30										1.35		•43								
RMINGTON RMINGTON CAA AP YETTE	2.02	.14	+17		•T2			•05	•02		*01	•01						т	Т	•02		•23 •16	.56 .46	.03	.18	•20					
K SYTH	-64		-	-	-	-	-	_	-07	-	-	-	-	-	-	_	-	-	-	-	-	-	-	•5T	-	-	-	-	-	-	-
ONTAIN GROVE WILOLIFE OERICKTOWN MONT TOWER	1.02	T	.34 T					т	•02		•15									•15	•11	•42	.44	T T	Т	.03					
TON 4 5W	1.00 .T4 1.14		• 31	. 75		т	.17	•03	.25 .10			т				• 02					•03		.14	.66	• 10						
LLATIN 2 NE	1.90	.24						•07	.32												.03	.32	.05	۲	1.22						
NARY ANT CITY EENVILLE 4 NNW	1.09		т						.03											•02	•12	•97	•51	.07	•12	•17					
EGORY LANDING DVESPRING	1.12		•14				٠68	•12	.OT			.03	т			т		.03	.06	T •1T	•12 •09	• 2 T	+40 T	•02						•21	
LFY TLTON INTRAL	1.88		.10 .0T		•03		•95	.22			.39	۰06				т		•62			.4T	.30 .61	.06	т	• 03					•28	
NNIBAL WATER WORKS	1.T0	.55	.01	•01	.08			т			•10					Т				т	•43	.48	•18					1	.33	•63	
LEFGREEN 2 W MANN MITAGL	2.11 3.14		.30		.43	T •22			2.05			T •12						•08			•46		•26			.10					
JSTON IVSON	2.94	.08	•65			T	.06	•T0	421			*12						.24	т	.01 .2T		•04	• 06 • 25	•02	1 • 10						
FF CITY RADIO #W05 FFERSON CITY	1.01		•01 •01		.01			.13 .14	.81	.56												•••	•22 •15	*02	•20 •12						
PLIN CAA AP	.06		001					T												•04			.03	•03	τ	•25		0			
NSAS CITY WA AP R NSAS CITY UNI OF F C	1.85 1.06	.05	.09		7			.01			•03						.35 .60			•06	•05	.01 .04	•45	.01	• 25 • TT				.05 .21		
YTESVILLE 4 NE	1.06		-	-	-	•17	-	_	•05	-	-	_	-	-	-	-	-	-	-	-	-	-	- 81	-	-	- 03	-	-		-	-
NG CITY PESYILLE RADIO FIRX PESYILLE CAA AP R	1.97		•10 •86		-	-	-	T	-	-	- T T	-	-	-	-	-)	-	-	-	.06	•22 •59	1.56	.02 .01	T T	• 03 T		-		- 02 T	•02	
SHECHONG SELLE	1.10			т			.24		•60									•42				a 8 9	•11			•37				•10	
INDE EUREST SEBAICE	2.97	.18			.06		. T 5		• 12				۲			Т					.09 2.14	.10	.04	.03	• 23 • 0T	•27					
ATHROP 3 SH	1.47		.15					-10														•05		.09					.30		

## DAILY PRECIPITATION

Table 3-Continued	- T			-			-				-	Į		Do	ry of n	nons)-								-	-						MISSO JULY	
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
HANDNE I ENE I NOTON A NO II N VA 2 5 RIPOO	1.39 .86 .73 2.24 .72	.07	.17 .07 .11 1.25		т			,	T .01		•08	.16				T • 30		*77 T		T	.17	.15 .84 .28	•06		• 19	.43				.09		۰07
STANA STARKS NUR STANA RNE NO NOTA LOCKOUT	.56 .77 .77 1.79	.07	•02		•15	.41		•01	.48			•02	•04							.01		.36 .07 .42		т	.14			i		.05 .04		
HE COS P R	.28 1.32 1.07 1.99			•06		т	.31	•05	.56				.10					7	т	т		.18	1.26	.20	•01					•01		
42 5 € 16 L D 4 7 8 8 26 G MA V 3 L 44 5 6 % H	.37 .20 1.06 2.07 1.23	Ŧ	.04	·11	•07 T	•01	•04	•11 T •03			•20	т	Т		•05	•01					T • 0 3 T	.03 .03 .39 1.32		.03	. 11				*04	.01		
H ETOWN 5 NE M AN LY RADID KNCM MON 17	.20 .16 1.29 1.09		.09	- 1	_		_	a07	_	_	T •08	.04 T T .47	_	_	т _	-04	-	_	_	_	_	.02 T .89	- 06	_	т _		_	-	_	.10	-	_
WAR CITY W USE W LLE W TAIN GROVE 2 N W T VERNON 3 SW	.56 .55 .81 2.70 1.25		• 12	•08		•06	.98	.05 .10	.35						т	• <b>2</b> 2			•02	.11	T T	•28 •12	.36	.05 .17	T • 04	.71 1.09		т				
WE SML  STON  DEFLORENCE  MADRID	2.01 .11 2.77 I.17 1.12	T •04	.19	• 32 T	•15	Т		T •29	T			.36 .35			•01		т					T 1.90 .10	.22 .47		1.99 •11 •02	.01					Т	
A TOWER A SUCTO	- 1.03 .25 1.28	=	- T	Ξ	=	-	-	03	_ T T	Ξ	43	- -13 T	Ξ	-	-	Ξ	-	Ξ	Ξ	- - T	09	.11	- •01 T	.30	- •52 •02 T	- •08 1•02	-	~	-	т	-	т
A MA PACIF  ANA ARI  ARI	2.57 1.09 2.23	•16	.10		.06 .04	.36	.13	.06 .08	.63			.09 .10				•04 T				•25		. 82 . 0 7	. 25 . 17	.06	• 12 1•46	<b>a</b> 36			т	.54		
FARMA BOYYILLF FR F CITY FL ASANT HILL POL	2.15 1.05 2.78 1.10 .87	.15	•05	. 25	T •03		1.02		T .35		.49				•13			.60		*18 T	.04	•02	1.02 .21 .13 .01	.95 .11 .06	1.40	•05		т		T •16		
FORLAR BLUFF ANGEVILLE PRINCETON LCO	1.43 1.66 1.39 1.24 1.53	.25	•09	•29					•08 •02 •10												.43	• 87	.79	1.01 .02		•21 •06 •23						т
PROLIS R CHANGOS POLLA SCHNOL OF WINES N SPRING	.18 .98 .27 2.32 .64		.19	.12				т	.24				т			•12		.08		*10	т	. 24	.12	•06	.13	.50 .02 1.38						
A NT CMARLES A NT JOSEPH WB AP R SA NT LOUIS WB AP R A NT LOUIS WB CITY R A NT LOUIS UNIVERSITY	1.33 1.79 2.08 2.14 1.66	T T	T	• 15 • 25 • 16 • 25	1.33		7	•17 •20 •21	.10		1.36 T T	т				•07 •06 T	т		• 21		•06	.15 .09	т	.07	. 20 T T . 01				•08	.04 .02	•02	•12 T
A NT LOUIS WASH UNI ALFM ALISERY SAY RYON L AND O 22 AL A	1.63 .81 .64 1.90 1.55	.08	.11	•06	.22			a03	•10 •21		•45	.05 .03								.02 .16		•14 •27 •08	•13 •09 •45 •10	e24	• 21	.05			т	•77 T		
CAMAN  YANJUR A MALE  MELRINA LBYVILLE  C STON	2.31 .57 1.94 1.00 .39	Ŧ	•61			7 T	.16	т	.02	т		.25				.33 T			.05	•02 T	.33	1.05	T • 04	1.37 .41 T	Т	•04				.03 .30		
TOW CROP EXP FARM  AM SPRINGS  PO NGFIELD WB AP  TEF VILLE 2 N  TEFERVILLE	.94 3.56 2.45 1.98 1.56	-11	•08	•18 7	•02	T •94	2.20	.40	*11 *30 7			•09			•03	T •02		•71	- 46	*08		.20	•72	.02 T	T • 01	.35 1.20				•11		
7 VER 7 AN 5 E WERSYILLE SUBMER 2 SH WEET SPRINGS	3.30 2.01 1.04 .65	.11	.19 .47 .17	.03				*04	.28 .62 .16		•01	.14								.02 T	•49 T	.40	e22 T	.16 T	1 • 54 T	.36 .71 .71			т	T •04		
*A Rd *** ***	.94 3.05 4.68 .41	.04	•05	1.75			.53 1.24	.12	.80	a la la	•12	•02						.03	.10	.25	.50	•02	.15	•11 •73	.07 .38	•90			т	т		
N CM   SE N CM, LL1 EV PARK N DEN 1 S NN ALIA	1.63 1.12 1.47	T	•34 •26	• 29 • 08 T	•02 <del>-</del>	.12	-	=	.05 .15	-	:	T 	-	=	Ξ	Ξ	_	Ξ	Ξ	.88 -	Ξ	•52 - -	.07 .01 .03 -	T T .19	T 	.08 - -	2	-	₹ _ T	.25 T	-	-
VANZANT 4 SE A LLE VICHY CAA AP AN APPAPELLO DAM	3.66 3.77 2.68 .10						.73	•23	.80			.06 .01						т			1.12	•05	•51	-10	2.11	.05						
HARPENSBURG CENT T COU HARPENTON I IN HARP JAN HOY I HARPJAN HUG Z HASQLA	2.09	.22 T	7 •06 7	.33	•09 T		·08	.09 .53	- .22 .13 .90			02						.02 T			Т	*20 T	•13 •08 T	.28		.62			-	т		
#A FREY TILLE 2 W  #A R GROVES  #GARTEN  T PLA %S	. 32 <sup>4</sup> 1.82 .40 2.34 3.63	.02			•12	1.37		.02	**************************************			.16 .39 .02						.01	. 10	.40 T	Т	.11 .08	.60 .37	T	.05 .03 7							T
U LLIAMSVILLE M'LLOW SPRINGS M NOSON 3 NW ZALMA 5 E	1.30 5.76 3.10 .98	.13	•35 •25		.10		1.02	T	•21 •22 T			τ						Ť		e 44	т	т	• 55 • 05 • 84	.19 .40	.08	3.50 2.42				.07		

Table 5									D.	VI.	LI		E 14.	11 1		71	JIL	ريط									_				J	JUL ?	1954
Station			,													Day	Of	Monl	lh			-		-									TAGe
Station		1	2	3	4	5	6	7	8	9	10	n	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
AOVANCE 5 ESE	MAX		101	100	99 72	98 75	100	98 72	94 69	89 58	91 58	97 65	103	104 75	106 73	100		99 67	105	102 78	100 75	95	90 72	90 74	91	91 65	93	95	97	98	98	98	97.2
ALBANY	MAX MIN	96 64	96 70	101	101 73	100	104	98 74	90 58	97 59	91 70	103	107	109 68	104	93	92 70	108 71	107	105 72	106 78	99	83 71	85 70	86	92 67	93 62	98	97 69	99	101	97	98.0
AMITY	MAX MIN	96 66	97 71	102	101	99 72	103	96 73	90 61	96 61	91 68		109		111	95 69	90 67	108	111	105 73	105	100	89 72	82 69	92	95 69	93 62	97		102	101	96	98.7
ANOERSON 1 SW	MAX MIN	98 61	100	9 9 65	99	101	100	101 68	98 65	98 61	102	105	108		112	106			109	105 75	101	102	106	100	94	93 72	93	98 57	96 54	99	99	98	101.6
APPLETON CITY	MAX MIN	102 70	104	105	106 72	106 71	106	100 77	90 68	98 61	85 71		113 71		116 76	109 78		113 73		111	108 72	102	105	97 75	88	92 70	93 64	100	103	103	105	100	103.0
ARCADIA	MAX MIN	86 68	88 68	95 65	95 70	96 74	98 61	95 68	87 67	89 59	88 54	97 65	104		108 68	105	92 68	98 66	104	99 75	100 76	98 75	90 72	93 74	90	90 63	92 58	95	96 60	97 70	96 70	95	95.5
BETHANY	MAX	96 63	97 70	101	100	98 65	103	102 75	87 67	95 54	93 57	104		107	106 76	95 68	92 67	108	106	104 72	106 70	104	85 71	83 70	86 70	90 68	90 60	97 55	97 65	97 61	102	100	97.9
BIRCH TREE	MAX MIN	96 72	100	96 63	99 68	101	95 68	99 67	86 64	89 57	92 55	99 63	102	108	110	104	104	95. 68	107	97 72	100	96 73	92 70	95 72	90	90 67	90 68	95 58	95 63	96 63	96 63		97.1
BLACK 6 NW	MAX MIN	89 66	96 67	98 63	96 67	97 66	98 59	93 64	85 67	88 54	89 53	98 64	106 63	103	109	105	92	9 9 65	106	102 75	100	97 73	92 73	92 75	86 70	88 65	91 56	93 55	95 60	97 65	97 62	96 75	95.9
80L IVAR	MAX MIN	97 70	99 74	99 73	101 72	104	99 66	95 77	90 71	96 62	93 67	103 76	112 78	112	115 78	98 75			111	107 78	103	97 74	106 76	98 74	95 73	92 71	94 63	99 62	99 74	102	100	98 73	100.7
800NVILLE WATER WORKS	MAX MIN	93	93 70	93 74	97 79	98 75	94 72	97 74	95 65	85 60	90 67	79 68	99 73	107	104 79	110	93 73	89 75	106 78	107 77	104 77	104	96 73	95 70	89 69	83 67	92 64	92 63	94 67	97 73	98 74	98 78	95 • 8
8ROOKFIELO	MAX MIN	101	95 68	104 74	103 74	100 73	106 71	102	91 61	98 60	94 69		111			106		111 74	112	109 76	110	104	94 73	85 70	88	91 69	92 63	99	98 73	100	103	101	101.1
8ŔUNSWICK	MAX MIN	96 70	96 73	101 74	103 75	100 76		102 79	91 63	94 62	89 69	103 72			113 78	103	93	106 74	109 78	-106 79	105 79	100	91 75	85 73	88 70	93 69	93 65	96 63	99 74	91 71	101	100	98.
BUTLER	MAX MIN	97 73	101 72	101 73	103 76	102 73		99 76	90 69	96 63	92 74	107 78	112 75	110	117 79	105	94 72	110 78		108	106 76	99 75	101				92 65	96 65	100	102		97 76	101.8
BUTLER CAA AP	MAX	100	103 72	103 75	104 76	104 71	104	101 77	91 65	98 58		108			117 77	98 76			113 77	110	105 75	101	102	95 75	90 67	92 69	93 61	98 62	100	102	101 76	97 75	101.0
CAMOENTON	MAX MIN	97 65	98 66	101	103 69	102		101	93 64	94 56	93 60	103		110	115 71	109	97	110	1 <b>1</b> 2	110	105	102	105 73	102	93 68	93 64	93 57	100	102	103	104	99	102.0
CANTON L ANO 0 20	MAX MIN	92 68	89 71	99 74	100 73	93 70	100	93 72	82 59	89 57	85 67	95 70	102 76	99 69	109 74	88 69	89 65	94 68	101 73	95 73	102 73	85 72	81 69	82 67	85 68	87 64	88 58	93	94 65	85 68	100	92 76	92.5
CAPE GIRAROEAU MO ST	MAX	96 70	98 69	96 69	97 70	94 73	97 66	95 72	92 66	85 60	87 60		101 70	99 72	104 75	100	90 69	95 68	102 76	100 76	99 74	95 74	89 73	89 74	90 72	88 70	90 68	94 65	97 68	97 72	97 72	97 74	94.
CAPLINGER MILLS	MAX MIN	99 69	102 73		104 73	106 76		98 70	93 71	97 59	94 72		113 84	114	116 86	101	99 74	112 74		108 73	102	102	107	96 67	94 68	93 66	95 55	99 54	100	105		99	102.
CARROLLTON	MAX MIN	99	98 71		105 74	99 74	105	100 78	88 62	96 56	66 67		110 76		114 75	101	95 67			105 74	109	103	91 73	85 73	89 69	93 66	93 62	98 58	104	101	104	98 78	100.
CARTHAGE	MAX	100 68	102 69		102 71	104 73		98 78	96 70	99 64	103 73	109 75		113 72	115 76	105	105 78	110 82		107 79	104 73	101	106 77	99 73	93 74	96 72	94 66	99	99 75	103	99 73	97 74	102.
CARUTHERSVILLE	MAX	99 77	102 76			100 75	97 <b>7</b> 2	103 75	97 75	89 71	90 65			102 74		99 80	95 75	95 72	102 76	100 73	95 73	92 76	87 73	90 75	92 76	91 74	90 70	92 70	93 71	93 70	94 72	94 71	95 o 73 o
CHARLESTON	MAX MIN	98 75	100		100 73	97 77	98 69	101 76	94 69	88 61	90		102 73	102 76	104 79	100	92 70	98 67	102	100 77	98 75	95 77	90 74	92 73	92 71	·90 67	92 62	94 64	96 68	96 71	97 72	97 <b>7</b> 2	96 • 71 •
CHILLICOTHE RADIO KCHI	MAX MIN	96 66	93 68	100	97 69	94 68		99 79	88 61	93 55	90 68		106 72	103 66	111 70	100	90 65	104		104 71	105 75	99 74	99 74	86 69	85 69	88 64	89 57	95 54	95 64	96 65	99 64	98 76	97 <b>.</b> 67 <b>.</b>
CLEARWATER DAM	MAX	92	97 68	97 65	97 69	98 70		98 67	90 66	87 60	90 56		106	104	109 70	108	95 70			102 75	101 68	101 73	90 70	93 73	93 71	89 67	90 61	96 59	97 61	99 62	98 64	99 71	97. 67.
CLINTON 1 NNW	MAX	92 74	101 79			104		100 72	98 65	88 70	94 73		105		110 77		95 70	91 74		112	108 76		98 73	99 68	95 68	85 60	89 60	88 73		98 73	100 74		99. 71.
COLUMBIA W8 AP	MAX	96 69	,,,	101	101 76	22	100	102 72	88 63	, ,	0-	101	113 77	10,			37	100		106 77	102	32		89 71	85 68	91 67	93 66	96 63		101 75	102 74	-	98. 72.
CONCEPTION	MAX MIN		96 71				100	100 72	87 61				107							105 73			90 70	82 71	87 69	92 67	91 63	97 63		97 64	99 68		97. 70.
CRYSTAL CITY 1 N	MAX MIN				101		101			90 55			115							107 71			95 72	90 66	92 63	94 61	97 57	100 61	103		102 76		99• 67•
OONIPHAN	MAX				101			103 67		92 61		100	107	108	109	99 76				106 73			92 69	97 74	92 74	93 65	93 67	96 59			98 65		99. 68.
EOGERTON	MAX	98 66	98 68	102	103	100	104	99 75	90 61	96 55	85 68	105	106	110	110 72	97 69	85 66	108	110	107 73	107 76	102 73	91 74		92 67	94 66		96 59			100 68		98. 68.
ELOON	MAX	96 68	99	101	102	101 78	101	99 78	88 67			102	112	110	115 75	113 74				110					91 69	92 68		93 62			100 73		
ELSBERRY	MAX	95	94 71	95	102	100	94		98 57				99							113 73			85 72		89 61	88 58	89 57	93 61			101		97 <b>.</b> 67 <b>.</b>
FARMINGTON	MAX	87	97										105							106 74			93 69	90 71	85 66	89 60	92 58	95 56			99		95 <b>66 •</b>
FARMINGTUN CAA AP	MAX		96						83 62		86 54	95 65	5 104	101	107	90 71				104 76			91 71	90 72		88 63	91 61	93 55			99		94 <b>.</b> 66 <b>.</b>
FAYETTE	MAX NIM		94		100		99		88 61			101	110	106	113	102 73	91	108	79	105	105	100	97 72		85 68	93 65					100		98 a
FOUNTAIN GROVE WILOLIFE	MAX		95				3 100		84 56				? 106 9 77				97			105					88	91 63	92 57	95 54			100		97 <b>.</b> 66 <b>.</b>
FULTON 4 SW	KAM MIN		71		104	104	101	102	100	90	96		0 101 8 73							114					93 67		93 62	97 64			105		
GPANT CITY	MAX	45	95	91	7 100	99	102	96 73	88	95 64	87	102	2 106 1 75	106	100	94	92 68	107	106	104	108	93	87 69	86 69	85 67	91 65	91 65	95 64			101		
	1	1			[			1			1			1			1			1						5							

Table 5 - Continued																Day	Of	Mon	th													ULY	
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Average
GREENVILLE 4 NNW	MAX MIN		100	98 65	98 69	97 69	100	98 66	86 67	89 57	92 54	99 68		104 68	108	105 73		101		105 74	102	97	90 72	94 75	92 70	90 64	92 58	97	97 61	99 62		99	97.7
HANILTON	MAX	97 68	95 70	102	100	99 72	102	96 73	87 60	94	88 63	102		105 78	109	97 69	89 67	108		103 75	105	98	87 72	84 69	89	92 69	92 63	95	98 73	99 67	100	95	97.5
HANNIBAL WATER WORKS	NAX MIN	90 68	91 70	100 73	100	91 71	101	96 67	83 57	86	87 67	98 70	105 75	100		89	90 66	96 67	105	98 75	106	83	81 70	82 68	83	86 64	87 64	93	96 71	89 69	100	88	93.4
MARR ISONVILLE	MAX	95 66	99 74	100	102 76	100	102	100 77	90 67	94	92 71		113 76	113	115				112 76	108	105 76	100	98 76	98 71	90	92 70	91 66	97	100		100 75		100.5
HERWITAGE	MAX	99	100	101	102	105	101	99 69	93 67	98 50	95 56	102	112	114		110	98 65	111		110 73	105	98	107	99 70	94	97 69	98 59	100	100	104	101	- 1	102.6
HOUSTON	MAX MIN	94 66	98 68	95 67	98 68	101	97 69	98 70	85 59	87 57	90 58	95 60	107 73	109 73	109	96 73	94 70	97 72	107	99 76	99 69	94	98 73	94 73	89	91 69	90 74	93	93 68	96 72		93	96 • 2 68 • 6
JACK SOM	MAX	97 70	97 70	100	98 74	98 74	99 67	97 70	92 68	89 58	92 58	97 68	104	103 73	106 74	102 78		101	106	105 76	100 73	98 73	90 73	92 75	93	92 66	94 63	98	98 64	98 67	99 66	99	97.7 69.3
JEFF CITY RADIO KWOS	NAX	93 69	95 70	102 71	102 74	98 73	100	98 71	85 64	90 57	85 63		111	104 72		105			111	107 76	104	98 75	101 73	93 73	84	90 67	91 66	94		102	101 72	97 76	98.2 70.3
JOPL IN CAA AP	NAX	100 73	103		102 75	105	102	97 80	94 72	97 69	99 75	109 79		113 81	115		102	109		108		100	108	97 75	93	93 73	92 69	98 67	98 77	101 79	96 74	96 75	101.8
EANSAS CITY W8 AP	NAX NIN			103	103	101	103	96 74	87 66	95 67		108	109	112	111	93 74	84 68	108		109	106 78	101	88 76	86 73	87	91 72	91 69	95	98 78	99 73	100	96 81	98.5 75.7
EANSAS CITY UNI OF K C	MAX	99	101	103	104	101	104	100	90	96	92 71		113	113 78	114		92	110 72	112	110	107 78	103	97 74	88 72	88	92 71	92 65	96 63	98 72	97 70	101	99	100.8
KENNETT RADIO KBOA	MAX N1N	101 75	104	103 75		102		105 74	103	92	96 61	99 63	102 72	106 77	105	106	102 73		108	102 72	99 72	97 75	90 72	93 75	95 77	92 70	92 66	96 66	96 68	96 70	97 70	97 70	99.4 71.6
KIRKSVILLE RADIO KIRX	MAX	94	92 68	97 73	97	93 66	100	95 73	84 55	92	89 68			102	109	92 67			104		105	88	80 68	82 66	84	88	88 57	93 56	91 72	89	99	94	94.1
KIRKSVILLE CAA AP	NAX N1N	92 68	91 68	96 74	96 70	92 70	98 68	92 65.	83 57	90	81	99 68	102	100	108	89	90 64	102	104 76	97 72	103 72	90	81 69	82 68	85	88	88 62	93 62	92 69	92 65	99 66	89	93.0
KOSHKOMONG	MAX	91 73	85	99 71	99	98	97	97 72	94 66	85	87	97		103			95 71	92 64	93 72	93 74	97 70	97	91 72	93 74	93	90	89 63	92	92	96 69	96 69	93	94.7
LAKESIDE	MAX	94		100		103	100	102	96 68	88	93 57	89 66	102	110		114	92	92 69	109	110	109 71	103		102 73	94	81 68	89 57	90	95 61	99 70	102	100	98.5
LAMAR	NAX N1N	95			100			103	96 70	94	95 72	96	- 1	112	113		104		110	111	106		98		97	95 71	93	93	97 72		101 :	100	101.4
LATHROP 3 SW	MAX N1N	96 68		102		98		95 70	94	95		101	- 1	109		92			108	106			90	85 67	90	90	92	95	98		100	95 72	97.9
LEBANON 1 ENE	NAX N1N	94	99	99 72	101	101	99	92	88	91	91	99	112	107	113	95 71	94		109	106			104	93 73	90	90	90	97	98 73		100	100	98 • 4 70 • 6
LEXINGTON	NAX	96 71		101	103	103		105	99	90	97 71		109	111			95	92	110	112		108	101	85 72	90	88	94	95			100		99.9
LICKING 4 N	MAX	89	90	94	96	97 78	98	96 71	92 66	89	90	90		109			97	94	98	105		97 74	90	93 70	92	86 69	90	93	94	93 74	96 72	95 72	95.5 71.1
LOCK WOOD	MAX			100	ļ	105		100	92 70	96 63		108	- {	112		104			111	108			106	99 73	97 73	95 70	94 65	99			100		102 • 4
LOUISIANA STARKS NUR	NAX	92 69	95 71	101	101	95 73	100	98 76	88	92				105		96 72	94	103		103 77		95 73	87 72	87 69	90	92	95 56	99	99	96 68	104		98.1 68.0
MACON	MAX MIN	90 64	95 68	94 70		98	94	99 73	96 55	84	93 65	80	100	105	104		89 59	92	104		98	102	93 70	83 67	82	85 64	87 59	88	95 68	96 68	91 68	99	94 • 6 67 • 1
WALDEN CAA AP	MAX M1N	99 78	104		99	100	100	102	87	88	92		105	105		97 76	93	100	112	104	100	93 76	90 71	92 75	93	92 69	92 66	94	96 69	96 71	96 71	96 72	97.5 72.3
WARBLE HILL	MAX	95	99	99	97 70	97 70	99	97 66	92	90	91 53	98		104	106	103	94	102		105		99	90 72	91 74	91	90	9.1 59	93	95	95 62	96 62	97	97.0
WARSHALL	MAX MIN		99		103		102	100		95	94	105	109	105	112	110	92	109	110	108	103	102	97	87 71	85	92	93	- )	100	98		100	100.1
MARSHF1ELD	MAX MIN	96 68	99 73	96 71		101		99	89 67	91	92	98	108	108	110	101	96	106	108		102	97	1 02 75	94	94	91	92 62				98 71		98 • 6 70 • 5
MARYVILLE	MAX	94	95	97 73	97	97 72	102	94	88	93	88	102	104	107	100	90	90	107	103	103	103	88	83 69	81	83	91 66		95 65	96	98	101		95 • 4 69 • 6
MEMPHIS	NAX	90	90		96	97	90	99	91 55	86	90	90	100	103	100	106	93	90	101	106	96	103	84 69	82	82	85 66	89 62	90			88	99	93 • 2 67 • 3
WEX1CO	NAX	96 68			102			102	101	89	96	89	102	112	108	116	1	97	110	113	108	1'07		96 69	93	91 65	94 60	97 61					100.5
MOSERLY RADIO KNCH	MAX	94	95	100	100	98	100	98		92	87			104		98	92	105	107	102 76	105	98	88	86 69	87	91		97 60					97.1 69.6
HONETT	MAX																					.,											
MOUNTAIN GROVE 2 N	MAX			95 73										108										94 72			89 62			95 72			95 • 7 69 • 8
MOUNT VERNON 3 SH	MAX	99	102		101	103		101		94	98	102	110	112	114	105	100	110	111		102	96	107		92	92		96	97	99	98	97	100.6
%EOSMO	MAX	1	99	97	100	101	99	98	93	97	99	104	108	110	112	102	104	107	108	105	102	100	104	101	93	92	91	96	97	98		95	100.2
NEVADA	MAX		102	102		105	105	102	94	99	95	110	115	115	116	105	102	116	114	111	106	102	107	100	95	96	97	101	102	107	10,2	95	104.0
NEW FLORENCE	MAX	93	98	99	98	97	- 1	95	88	89	86	92	111	105	114	109	94	105	112	106	105	100	95		86	93	94	97	98	103	102	98	98.4 69.8
OREGON	MAX	95	95	97	97	97	100	95	87	93	89	99	103	105	101	90	87	105	106	102	101	92	82	81	86	91	88	93	98	98	99	93	95.0
	"TN	1 00	70	76	1 /2	74	75	12	62	05	67	72	71	78	81	69	1 /2	12	77	1 16	75	72	70	71	70	67	00	00	1 75	0.3	14	70	71.4

Table 5-Continued					H					All		-				-		Mont	_	-	-										J.	JUL
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14		16		18	19	20	21	22	23	24	25	26	27	28	29	30	31
OZARK BEACH	MAX	95 69			101		105	102	102	94 63	98 67	100				116	112		109	112	108	108	100	108	96	98	94	94	98	100		98
PERRYVILLE	MAX	94	98	99	96	95	98	97 73	95 66	85 59	87 59		106		107	105	i	100			101 75	98 77	93 73	91 74	88	89 65	92 63		98 <b>64</b>	98	99	98
POPLAR SLUFF	MAX MIN	95 75	98	100	100	98	100		100	87 63	88 56	92			105	104	98 70		98 72		105 73	98 76	93 74	89 76	93	93	90		93	94	95	95
PORTAGEVILLE	MAX MIN		102	101	95	100	98	103			91		100	103	102	- 1	96 73	98	105	105		94	88 72	92 77	92 74	90	92 65	94	94	94	95	94
PRINCETON	MAX MIN	98		101	102	99	104		89 60	94 59		104	106	l	104	99	Ì	104	107	103		91 74	86 70	85 70	87 71	92	95 56	95	97	99	101	95
ROLLA SCHOOL OF MINES	MAX MIN	94 75	93	97	101			100	94 65	85 64	91 66	92 68	99	112	105	- 1	92 76	94		112	108		97 76	99 73	92 68	81 67	87 65	90	93	97	100	99
SAINT CHARLES '	MAX	96 75		102			100	97 77	87 61	91 63	90 61	99 72			115 75		102	102 70	113		107	99 80	93 75	95 73	85 70	94 66	97 66		103	104		99 79
SAINT JOSEPH W8 AP	MAX	97 69		105		102 75		94 72	90 65	95 64	82 69	104 75			103 79	92 72	88 70	106 74	105 76	105 78	104 76	97 75	85 73	82 72	86 70	92 70	92 66	96 66	96 74		100	93 76
SAINT LOUIS WE AP	MAX	95 76		100			100 73	94 69	83 62	89 66	91 68	99 74			115		92 67	101 70	112	105	105 78	88 75	89 74	91 72	85 70	90 67	96 67		99 73	101		96 76
SAINT LOUIS W8 CITY	MAX	92 77						93 70	82 62	88 68	88 71	97 76	109 78		112 83		90		107 72		102	88 77	89 75	90 72	84 71	90 69	93 70		98 74			94 79
SAINT LOUIS UNIVERSITY	MAX	92		100			100 76	95 72	83 63	87 68	88				113 83		90		108 81		103	97 80	88 75	90 73	84 71	90 70	93 70		98 75	100		95 80
SAINT LOUIS WASH UNI	MAX	96 77				98 71		100	95 63	85 64	90 67	92 72			102 76		93 69			-112 79		106	90 75	93 73	92 71	85 67	92 68		98 70		102 1 75	103
SALEM	MAX	91 66						96 73	95 64		88 57				104		93 70		97- 73		103 70	99 73	95 72	95 71	91 61	85 66	87 57		93 63			97 65
SAL I SBURY	MAX M1N	97 67		7 102				100	89 59	96 57	86 68	102 68			114 75			108		104	108 79	98 78	89 73	82 69	90 67	95 65	95 60		98 72	100		96 79
SAVERTON L ANO 0 22	MAX	90 69		1 103 1 77	102		102	94 72	92 60	88	91 66				110 76		89 64		104 81		106 75	94 73	84 72	8 <b>4</b> 62	86 68	86 64	89 63		97 72		101 71	91 78
SEOALIA	MAX M1N	94 69		3 101		101			89 69	93 63	92 69	104 75			116 80		92 74	109			104 75		97 78		89 68	91 70	91 62	94		102		99 75
SEL 1GMAN	MAX	94 66							86 69	94 65	98 68				109 78		101	104				98 75	103	94 68	89 71		88 66					92 70
SEYMOUR 4 NNE	MAX	91 54						104 74	88 62	90 58	94 60		109 67		112		97 65	105			105 69	98	98	88	94	92	91	92	99	98	97	99
SHEL81NA	MAX	96 66		3 100 9 72							85 65		105 78		112 79			105			105 74	92 71		83 68	87 66							91 80
S1KESTON	MAX	93 75		3 102 1 76					101 74	85 62	89 60				103 79		95 75		100 75		99 74	99 78		90 7 <b>3</b>	92 71		92 64					97 73
SIKESTON CROP EXP FARM	MAX	96 74	70						92 69	88 61	89 60		100		103		91 69		100		96 73	95 77	8 <b>7</b> 73	89 <b>7</b> 3	91 70	90 68	91 63					96 70
SPRINGFIELO W8 AP	MAX	96	5 98 73			101			87 68	90 65					113			3 107 76			98 71	93 75		94 71	91 72		91 64					96 71
STEFFENVILLE	MAX	93 62							86 54			101			111		92 61	102			105 74				86 65						101	97 80
SWEET SPRINGS	MAX	98 66	3 100 5 71				103								115			111 75							86 67						71	99 76
TARK 10	MAX	94 65					103						105 73					3 106 71			100 74										102	95 69
TRENTON	MAX MIN	95 70	5 94 0 70	4 101 0 72			102		89 62			103	109		110			107			106 79						91 65				100	
UNION 1 SE	MAX	95 68			101 75		202				00				118	109		106						96 74							103	100 76
UNIONVILLE	MAX	92 63		9 96 6 61					82 58	91	94	100	102	100	101			9 100			104 75							95		92 1 67	100	
VANOAL 1A	MAX MIN																												98 70		102	
VERSAILLES	MAX	95 66		8 101 2 71	1 102	2 98 5 67				87					115	110		3 110 1 75						96 72								
VICHY CAA AP	MAX MIN	92	97	7 99 9 72	9 100 74	94	99		83 62	89 59					112			108														95 73
WAPPAPELLO OAM	MAX				2 101					86						106		5 53	100 72	109 77	100 72	100 76	92 72								97	
WARR'NSBUPG CENT T COL	MAX			0 101 2 76	1 103	3 99 8 76			95 68						9 116			2 110													103	
*APRE'- ON 1 N	MAX			6 97 0 71		5 97			85 59							114		1 103	113	109	106 75	103 75	92 72	93	87 68					9 102 1 75		
J Ose MA, AAM	MAX			5 107 9 69	7 108 9 75	9 105 5 67			91						118	112	97 72	7 114											. 02	2 105	104	100 75
A IL CAN	MAX		101	1 99 0 72	9 100 73	0 103		99 68	87 66	90	92				7 75	101		B 103 0 68	108	104	100	94 72	102	95 71	91 69			63	70	0 70	70	68
MITH VILL 2 M	MAX			9 103 8 67	3 101 7 68	1 102			89 67	92	93 59	98	112	107	115	101		3 107 7 72						94 75							100	
N T N GN JVF',	MAX			4 100		8 95 1 75	101	95 75	86 61		89	98 70	113	103	117	106		100						93 72						9 103 B 74	102	
WE INCORPT 14	MAR	88		5 95 9 67		4 93 3 75	95 66	92	89	86	85 61	94	104	103	107	97 78	92 65	2 100						91 72							99	
	4	4 7			4 7			4 7		4	$k = \ell$			A = 7			A = I						/ /			F			4 /			

Table 5-Continued									D	ΑI	LY	T	EN	1PI	ER	AT	UR	ES	5														SOUR 1 1954
0																Day	Of	Mon	th														age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
. Y PLAINS	MIN	94 71	99 69			101	95 63	97 69		87 62		94						87 67	101		98 70			94 73	89 72		90 60				95 66		95.4
SPRINGS	MAX	93 68	96 73	95 67	96 69	99 67	92	96	84 57	88 <sup>°</sup> 59		95 65		105	108 67			91 69	102		95 67	92 74		92 72	88 71		89 60			95 64		95 70	94.2
а № 13 Кн	MAX					102 74	101	100	90 70	90	91 69	106 73	113 77	111	115	110 76	92 74	109	111	107	104	98	99 77	96 73	84	91	91	95	98	100	100	99	100.4

EVAPORATION AND WIND

See 1																1	Day o	f mo	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
A WB AP	EVAP W ND MAX MIN	53	57	44	46 100	103	31 102	56 99	76 93	52 95	51 89	72 100	74	34 105	53 105	103	87 90	63 104	.66 103	55 102	.43 38 103 76	100	71 102	60 91	51 90	92 92	72 94	45	48 96	45	52 100	95	12.15 178 98.4 72.0
L <_S:0E	EVAP	.16	.27 35	.28	. 34	.32	.31	.40	.18	.32	.32	.20	.33	30	.36	.38	.57 63	.31 52	.35	.46 51	.39 51	.34 37	.16	.36 56	. 34 58	.10	.33						10.04
II. LOUIS WASH UNI	EVAP WINO	.36	.19	.29 26	.30	.31	.36	.36	.19	.23	.26	.20	.30	.39	.30	.50 48	.37	.28	.31	.27	.37	.27				.11					.33		

AND MIN IN TABLE 6 REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

## DAILY SOIL TEMPERATURES

																Day	of mo	nth															age
DEPTH	TIME	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver

#### CONCEPTION

	INCH	6РМ	93	92	90	100	99	96	96	87	98	81	92	98	98	96	96	90	98	104	05	100	90	81	80	84	87	89	87	82	88	90	88	92.1
3	INCHES	6РМ	87	83	85	90	90	86	86	84	85	78	84	87	87	86	85	82	89	91	90	90	85	80	79	81	83	82	81	80	83	84	85	84.8
6	INCHES	6РМ	80	79	80	81	82	80	80	79	79	76	78	86	80	80	80	79	81	84	82	83	82	79	78	78	79	78	77	77	78	79	80	79.8
. 2	INCHES	6РМ	76	76	76	77	78	78	77	77	76	76	75	76	78	78	78	77	77	78	79	80	79	79	78	77	77	77	76	76	76	77	77	77.2
2+	INCHES	6РМ	73	72	72	73	73	74	74	74	75	74	75	73	74	74	74	74	74	75	75	75	76	76	75	75	75	75	75	74	74	74	75	74.2
36	INCHES	6РМ	66	66	66	66	65	67	67	65	67	67	68	68	68	68	68	68	68	69	69	69	69	69	69	70	70	70	70	70	70	70	70	68.1
72	INCHES	6РМ	61	62	62	62	62	63	63	63	63	63	63	64	64	64	64	64	64	65	65	65	65	65	65	66	66	66	66	66	66	66	66	64.2

#### SIKESTON CROP EXP FARM

1	INCH	6РМ	89	90	95	93	93	99	95	86	90	87	93	98	103	97	95	98	96	89	93	95	86	85	87	88	87	90	89	90	95	99	94	92.4
3	INCHES	6РМ	88	90	92	92	96	99	96	88	93	92	96	97	101	99	98	98	98	92	94	96	89	86	90	93	92	93	94	93	96	98	96	94.0
6	INCHES	6РМ	86	88	89	89	94	96	94	88	91	90	94	95	97	97	96	96	96	92	91	95	90	86	89	92	91	92	93	94	94	94	94	92.4
2	INCHES	6РМ	81	82	83	83	86	87	87	84	83	83	85	87	87	89	89	88	88	87	86	88	86	83	85	85	86	85	85	85	86	87	87	85.6
24	INCHES	6РМ	77	77	78	78	79	79	80	80	79	78	79	80	81	81	82	82	82	82	82	82	81	81	80	80	80	80	80	81	81	81	82	80.2
48	INCHES	6РМ	71	71	72	72	72	73	73	73	73	73	74	74	74	74	75	75	75	75	76	76	76	76	76	76	76	76	76	76	76	76	76	74.4
72	INCHES	6PM	67	67	67	68	68	68	68	68	69	69	69	70	70	70	70	70	70	71	71	71	71	71	71	72	72	72	72	72	72	72	72	70.0

				,					,			,	,	, ,						/80	LY 19
Station	Index No.	County	Drainage ;	Latitude	Longitude	Elevation	Observation of time	m	Refer to tables	Station	Index No.	County	Drainage ?	Latitude	Longitude	Elevation	Ob vet	aon	Observer	1	rier to oles
Advance 5 ESE Albany Alton Amity Amsterdam	0051 0137 0143	Stoddard Gnstry Oregon DnKelb Satos	1 4	37 09 40 15 39 42 39 52 38 21	94 26	355 872 860 1620	6P	5P Nailo Moroni 6P Wiillam J. Sutlar 7A Edne E. Hall 7A O. M. Colbour iD R. A. Esrahnar	2 3 5 C 2 3 5 3 C 3 3 5 7 C	Soshkonong La Solla Lakaside Lamar Lamar Lampa Foraat Sarvica	4637 4694 4705	Oragos Levia Willer Sarton Stone	9 8	36 35 40 07 38 12 37 30 36 34	94 16	M58 595 960	7A	8A 7A 7A	Gecovieve 7, Smith Jemon M. Flahback B. M. Yrame M. Awil Vam Hofften Orley F. Scott	3 3 8 3 2 3 6 2 3 5 3	
Anderson 1 SW Annapolln 7 SW Appleton City Arcadie Ashton 1 N	0179 0204 0224	McDonald lron 6t. Clair lron Clark	10	56 38 37 20 38 12 37 35 40 27	90 37 91 49	900 826	8P 5P	7A Ruth C. Hawkina 7A Opal G. Rutter 6P F. Paul Eye 7A Arcadia Collage iD Glnn A. Noodruff	3 3 5 7 3 2 5 5 C 3 3 5 C	Lampa 4 HNE Lathrop 3 Sw Lubanon 1 ENE Lees Susmit 1 N Luxington	4773 4825 4846 4904	Stons Clinton Lacinda Jackson Lefaystts	9 7	36 38 39 31 37 41 38 56 39 11	94 23	1060 1240 - 688	6P 6P	7A MID	Wra. A. O. Rogare Cocil F Maye Spedie D. Sarnett Benjamia F. Smith Fillies B. Cullom	2 3 5 2 3 8 2 3 6	
Auxvasse Ava Ranger Station Sedford 1 S Selieview Bernie	0365 0503 0539 0595	Stoddard	12 4 5 10	38 00 38 57 39 41 37 41 36 40	82 40 83 23 90 41 89 58	1080	M	7P C. H. Hook 8A U.S. Fornst Service 1D Harry S. Stephnns 7A Boulab M. Alexandri 7A Rarold R. Summern	3 C C	Licking 4 M Lineeus 3 S Livonia Lockwood Louisiana Starka Wur.	1978 5014 5D27 5093	Texas Linn Putnas Dade Pike	2 9	37 33 39 50 40 29 37 25 59 26	93 57	1277 835 1078 469	6P 6P	SP	Robert O. Damson Werle #ade Mrs. Icel M 7ade Subert A. Wleman Stark Bros. Euroery	2 3 5 2 3 5 2 3 5	
Sethany Sirch Tree Slack 6 Wa Sloomfield Solivar	0968 0695 0735 0789	Harrison Shaonon 1ron Stoddard Polk	1 10 9	40 16 36 59 37 37 36 53 37 37	89 59 83 35	916 1000 1000 440 1071	5P 7P 5P	7A Carl N. Slaughtor 7A Mildred E. Catlott 7P Otto Goggio 7A Goorge E. Long 5P SN Saptist College	3 5 5 7 2 3 5 7 3 3 5 3 3 3 5 7 C	Louislana Lucarne Macadonia Lookout Wacon Madlaon	5121 5164 5175	Pika Putnam Riplny Wacon Wooroa	1 2	39 37 40 37 36 45 39 45 39 28	92 2B	- - B75	7A	9A 6P 7A	George A. Germer D. A. Browning Roy C. Mobinett John B. Atwell Enos Sood	3 3 3 5 3	7 7
Boomville Weter Works Bowling Green Bredleywille Brookfield Brunswick	0858 0878 0980 1037	Cooper Pikn Tanny Linn Charlton	12	38 58 39 21 38 47 39 47 39 26	92 55 93 05 93 08	650 - 767 652	5P 7A	7A Soonvilln Water Dep 8A Virgil Cook 7A Elmer A. Hubbard 5P G. F. Dreen 6P O. K. Seneckn	2 3 5 5 3 2 3 5 3 3 5	Walden CAA AP Walden 3 W Wansfield Werble Hill Warshall	5307 5227 5353	Dunklin Dunklin Wright Bollinger Sellne	10 12 6 7		89 59 89 58 82 35 89 56 93 11	295	6P	7A 7A	O.S. Civil Aero Adm Arthur Mc Gill Henry D. Brown #ille B. Williams Musicipel Utilities	. 5	
Suffelo Sunker Surlington Junction Sutler Sutler CAA AP	1101 1141 1145 1147	Dallas Rnynoldn Nodaway Sates Bates	8	37 38 57 27 40 26 38 16 38 18	94 20 94 20	1	5P #1D #	AA L. B. Hownrton AA C. D. Sighley AA Ralph B. Fulier BP Harley N. Johnson U.S. Civil Anro Ads		Warshfleld Martlnaburg Maryville Maryville 7 NNW McCredis 2 W	5319 5340 5345 5410	Webstnr Audrain Wodeway Nodeway Callaway	7 7 7	57 20 39 06 40 21 40 25 36 58	91 58	1484 807 1169 1143	6P	MID MID	8bo-Me Power Co. Albert J. Aulbur R. S. Montgomery Earl S. Trueblood Lelia S. Cralg	2 3 5 3 3 5	
Camdenton Canton Lock & Dem 30 Cep Au Gris Lock & Dam Cape Girnrdeeu Mo State Cape Girardeau	1275 1383 1291 1296	Camdon Lewis Lincoln C Girardeau C Girardeau	6 6	38 02 40 09 39 00 37 19 37 18	B9 32	940 48B - 347	7P 5P	4P Mo. Conserv. Comm. 7A Lockmaster iD U. 8. Engineers 5P Teacbern Collingn Lee L. Albert	2 3 5 3 3 5 2 3 5 7	McCredle Exp. Station Memphia Wercer 6 NW Mexico Middletown 5 NB	5492 5519 5541 5565	Calleway Scotland Mercer Audraln Plke	6 4 6 9	36 57 40 27 40 33 39 10 39 10	93 39 91 53 91 22	- 6D0	7A	7A 7A 7A	U.S. Soil Commerv. John W. Alexander Oscar L. Sartley D. N. Woods Eloise W. Grsbam	2 3 5 3 2 3 5 3	
Caplinger Wills Cerrollton Carthage Caruthersville Cassville Ranger Sta.	1340 1356 1364 1383	Cedar Carroli Jasper Pnmiscot Barry	12	37 48 39 22 37 11 36 11 36 41	99 39 93 52	754 962 270	9P 6P 5P	6P S. E. Price 9P Harold B. Finlmy 7A Mintford C. 8all 7A Victor T. Walloure 7A Florence A. Karow	3 3 5 2 3 5 2 3 5 2 3 5 3 7 C	Milan Miller 2 SE Moberly Radio KNCM Monett Monroe City	5594 5671 5700 5709	Sullivan Lawrence Randolph Barry Monroe	10 6 8 6	40 12 57 11 39 34 36 55 39 39	93 55 91 44	1380	6P	#1D 6P 8A 85	Charles E. Smith William A. Garoutte Redlo Sta. ENCH Kenneth G. Meuser J. S. Conwey	2 3 5 2 3 5 3	
Centerville Ranger Sta. Centerville Ranger Sta. Centralia Chadwick Charieston	1472 14B2 1490 1540	Reynolds Reynolds Boone Christian Minslssipp1	12	37 26 37 26 39 12 36 56 36 56	92 09 93 03 99 21	1111	6P	7A Corda Jane Harrison 9A U.S. Forest Service 9A Earl W. Seymour 7A Sylvia Pletcher 9P Charleston Fire Dep	5 3 3	Mora Worebouse Moselle Mountain Grove 2 N Wount Varnon 3 6W	5762 5816 5834 5861	8enton New Madrid Franklin Wright Lawrence	6 5 3 9	38 32 36 51 39 23 37 09 37 04	93 13 89 42 90 54 92 16 93 52	1463	6P	4P 6A 9A	Enme M. Weyer J. A. Spence Ernest J. Foster Wo Fruit Exp 9te Sm. E. Kirchboff	3 3 2 3 5 3 5 5	
Chillicothe 2 S Chillicothe Radio KCH1 Clarksville Lock & Dam Clearweter Dam Clifton City	1595 1640 1674 1704	Llvingston Liviogston Pike Weyne Cooper	6 1 7	39 45 39 46 39 22 37 07 39 45	95 53 93 35 90 55 90 47 93 02	771 - 649	4P	7A R. O. Dupy 6S Radlo Station SCH1 1D U. S. Engineers 7A U. S. Engineers 7A P. S. Needy	3 2 3 5 7 C C 5 5 C	Nnonho Newada New Boston New Florence Wew Madrid	5987 5999 6007 6040	Newton Vernon Linn Wontgomnry	9 4 7	36 52 37 50 39 57 38 55 36 35		1011 862 - 890 295	5P	7A 7A 6P	U.S. Fisheries Sta. Henry Sraft Gerald M. Hill Herbert H. Davauit Wews Bensley	2 3 5 2 3 5 3 2 3 5 3	
Clinton 1 NHW Coloma Columbie W8 Airport Conception Concordia	1773 1790 1932 1837	Henry Carroll Boone Nodawey Lefeyette	7 7 7	39 22 39 31 39 59 40 16 38 59	94 41 93 34	779 1108 790	M ID M	9A Loyd M. Miliam 7A Juwel B. Trusacil iD U.S. Neather Sureau 5P Fr. Adelheim Hess 7A Martin Srockman	2 3 5	Oates Tower Odensa Oregon Oregon 1 NE Osceola 3 NE	6269 6357 6359	Reynolds Lafayette Bolt Nodaway St. Clair	7 7 7	37 32 39 00 39 59 39 59 38 05	91 03 93 57 95 09 95 08 93 39	1093 1040		7A 7A W1D	Ethel Sue Adams Wm. E. Dougherty James W. Curry Addie A. Burtnett Sam H. Simmons	3 3 2 5 5 3	7
Cook Statlon Crane Wountain Crocker Crystal City 1 N Cube	1990 2004 2031 2043	Crewford lron Pulask1 Jefferson Crasford	6 5	37 49 37 27 37 57 38 14 38 04	92 15 90 23 91 24	420		7A Thomas J. Gorman 9A Roy E. Thomlison 6P Charles 1den 5P Oscar F. Tidd 9A Fr. C. J. Sornsny	5 5 3 3 3 5 3	Owensvlile Ozerk Ozerk Beach Pacific Pelmyra	6453 6460 6469 6493	Gamconade Christlan Taney Pranklin Warlon	12 12 5	38 31 37 01 36 40 39 29 39 48	90 44	700		7A 9A 7A	F. W. Buachmann William L. Meed Empire Dis El Co Artbur D. Lewis Jesse E. George	3 5 2 3 5 3	
Denville 1 ENE Deering De Soto Dexter Donlpban	2156 2230 2235	Mont Bonery Pemiscot Jefferson Stoddard Ripley	10	39 55 36 12 39 09 36 47 36 37	89 53 90 34	930 255 - - 344		1D Edna L. Young 7A Clarence 8. Carnell 7A Roy E. Dewey 6A J. L. Jackson 6P Soyce Lackey	3 3 3 2 3 5	Parls Parma Pettonnburg Perry Perryville	6532 6563	Monroe New Madrid Daviesa Ralla Perry	10	39 29 36 37 40 D3 39 26 39 43	92 00 99 49 94 09 91 40 99 52	71D	5P	WID WID	J. W. Reed Laura E. Morgan Wade D. Moody Rev. C. B. Green John S. Bagan	2 3 5	
Donlphan 2 W Dora Downing Eest End Edgerton	2303 2318 2406 2474	Ripley Ozark Schuyler Iron Platte	12 6 5 7	36 37 36 46 40 29 37 41 7 39 30		960	6P	7A Geo. Saumgerdnnr 1D Alta M. Deupree 1D Edward L. Seeler 7A C. O. Smith 7A Velma L. Jackson	3 C C 2 3 5	Plerce City Pleasant Riil Poio Popler Sluff Portegeviile	6748 6775 6791 6798	Cass Cass Caldwell Sutler Rew Madrid	9 7 1 6	36 57 38 48 39 33 36 45 36 26	90 33 99 41	- .1018 332 282	7P	6A 7A 7A 5P	John P. Davis Dean T. Knorpp Ralpb C. Ulbright O. M. Richardson Portegeville Mev.	3 3 3 2 3 5 2 3 5	
Edina Eldon Eldorado Springs Elijab Sliington	2503 2511 2516 2547	Knox Miller Cedar Ozark Reynolds	12	38 20 37 52 36 36 37 14	92 09 90 59	934	5P	7A Paul D. Pntt1t 5P Arthur Rotbwell 6P Clydn J. 6nodgrass 7A Loyd Price 6. Pbromla 6anders	3 2 3 5 3 3 5 5 C	Potosi 3 S Princeton Puxico Qulin Reymolds	6966 6934 6970 7094	Wenhington Mercer Stoddard Sutler Reynoldm	10 1 1	37 54 40 24 36 57 36 36 37 24	90 15 91 05	835 - 315		5P 7A 7A 7A	Artbur M. Miebl Glen L. Swanberg J. N. Stelmseler Torrence J. John Effic V. Bill	3 3 5 3 3 5 5	
Ellsipors 1 W Elaberry Eminence 3 NNW Fairfex Farmington	2591 2617 3729 2909	Carter Lincoln 6hannon Atchison 9t. Francols	10	1 '	90 39	896	9P 7P	6P Lloyd M. Privett 9A 9011 Conwerv. Serv. 1D Thomma J. Chiton 7A Dillard A. Price 6A F. M. Karsch	3 2 3 5 C 3 2 3 5 7 C	Richmond 7 N Richwoods Ridgeway 1 SE Moby Rogersville 1 ENE	7122 7130 7214	Ray Washington Harrison Texes Nebster	5 4 3	39 23 38 09 40 22 37 30 37 07	92 09	1420		7A M1D 7A M1D	Oreila E. Smith Elma M. De Clue Seith Jeckson Roy E. Daniels Euyia V. Sracken	3	
Farmington CAA AP Fayette Fisk Foraytb Fountain Grove Wildlife	2623 2891 2875 3995	9t. Francoln Howard Sutler Taney Llvingston	12	39 09 36 47 38 41 39 42	93 08 93 19	760 350 - 670	6P	ID U.S. Civll Aero Add 6P Irvin E. Schnell 7A Jesne L. McKinzle 0tto Kenyon 8S Mo. Cons. Comm.	2 3 5 2 3 5 3 3 C 2 3 5	Rolla School of Mines Rolla S E Rolla 3 W Rolla 4 SB Rolla 7 S	7264 7265 7266 7267	Phelps Phelps Phelps Phelps Phelps Phelps Phelps	5 3 5	37 57 37 54 37 57 37 56 37 51	91 50 91 43 91 46	1040		W1D W10 W10	School of Mines Walter W. Snelson Leslie 8. Underwood Wrs. H. P. Light Gertrude Ponzer	2 3 5	
Fradericktown Fremont Tower Fulton 4 SW Galena Gallatia 2 NE	305 2 3079 3094 3102	Madlson Carter Callaway Stone Daviews	ľ	57 34 56 59 7 38 51 4 56 49 4 39 56	93 57	730 - 919 1025 -		7A R. R. Leslie 7P U.S. Forest Service 8A F. E. Sillgartner 7A Sarold O. Stewart 7A Frank Sorshburgur	3	Round Spring Saint Charles Saint James 3 MM Saint Joseph WB AP Saint Louis WB AP	7397 7424 7440 7455	Sbannon St. Charles Phelps Buchenan Saint Louis	5 7 7	37 18 39 47 38 01 39 46 39 45	90 29 91 40 94 55 90 23	1005 808 552	MID	MID MID MID	C. E. Jonen Charlen J. Koenig William S. Jones U.S. Weether Sureau U.S. Neether Sureau		7
Gerald Gower 3 W Granby Grant City Grant City	3341 3599 3451	Franklin Clinton Hawton Worth Waynn	10	38 24 7 39 39 9 36 55 4 40 28 9 37 11	94 36 94 15 94 25 90 28	1160 1134 410	6P	6P Edwis H. Vemmor 1D Patricis W. Grier 7A Wildred 8. Satcber 7A J. Homer Korn 7A C. L. Rubottom	3 2 3 5 7 C 2 5 5	Saint Louis WB City Saint Louis University Saint Louis Nash. Univ Sainm Sailsbury	7465 7470 7506 7514	St. L. City St. L. City St. L. City Dent Charltos	6 6 5 2	39 39 38 39 39 39 37 38 59 26	90 14 90 19 91 33 92 49	579 537 1206 723	7P 9A 7A 6P	7P 6A 7A 6P	U.S. Weather Sureau 6t. Louis Univ. J. Sopp M. Sruat E. E. Wartin David R. Robertson	2 3 5 2 5 5 2 3 5 2 5 5	6
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Mannibal Weter Works Merria Nerrisonvilla Maziegresn 2 W Rastiatta	3645 3645 3713 3775	Marlos Sullivan Caas Lacledo Ray	1	5 38 41 4 40 18 8 39 39 3 37 46 7 39 14	94 20 92 27 95 56	-	8P	iD Moger C. Rigginn ID John E. Miller 7A J. 8. Petterson 8A Mnlvin R. Gallion ID Nilliam R. Rarriso	2 3 5 7 C 2 3 5 3 C	8belblna Shelbyvllle Sikeaton 8ikeaton Crop Exp Fm Siioam 8prlngs	7729 7770 7772 7790	Shelby Shelby Scott New Madrid Hoenll	6 13	39 41 39 4B 56 53 36 51 38 48	89 35 99 35 92 04	318		5P 7A 5P 7A	Orvilln L. Payse Emmntt L. Gon Lucy W. Humphreys Carl O. Luper Bess M. Syers	2 3 5 3 2 3 5 2 3 5 5	7
Rermann Merattege Migbee 5 S Sighpoiat 2 Se Morneravilla	3791 3833 3841 3991	Gaaconade Hickory Boward Moniteau Dunklin	10	7 39 43 9 37 56 7 39 14 7 38 26 0 36 03	93 19 92 50 92 57 90 06		6P	7A Joseph Wusderlich 6P Harold 6. Carlatro ID Milda W. Sargle ID Mrs.John 6. Dutchn ID 6ailla S. Parkins	c c c	6kldsore 9pnnd 3 w Spring City 6pringfinld ws AP Stabberry	7960 7967 7976 9003	Hodaway Cooper Newtos Gresne Gantry	7 8 9 4	40 17 39 51 38 59 37 14 40 12	92 50 94 32 93 23 94 33	1365		MID WID MID	Nina 8. Geyer Michard E. Stegner Gladys J. Cameron U.S. Weether Bureeu R. Trueman Wegers	2 3 5	. 7
Mouston 1 ME Jackson Joff City Madio KWOS Jeffarmon City	402: 422: 427: 427:	9 7axes 1 7eeaa 9 C Gtrardaau 1 Cola 9 Coln		3 37 20 3 37 19 6 37 33 7 36 36 7 36 34	91 68 69 40 92 12 93 11	428 667	6P	6P The Souston Horald iD Elssor Johnson 6P Danny Slebert 7A KW06 Radio Farm 7A Robt. R. Bandarson	3 3 5 C 2 3 6 2 5 5 7 C 3	Stnslvllla 2 N Steffsnvills Stet 6 3E Stover Sullivan 5 E	9051 9063 B112 6171	Crawford Lewis Carroil Morgan Frasklis	6 7 7 5	38 00 39 58 39 21 39 27 38 13	91 53 93 41 93 59 91 04	1110		7A 7A	Alfred E. Goodmes Yennis V. Groen Edward Stavens H. Kyls Vlckray George J. Huneman	2 3 5 3 3	7
Jerome Jewett Joplia CAA AP Schoke Keanen City #8 Airport	431 434 435	1 Phsips 9 Medison 5 Jaaper 9 Clark 9 Clay	1	3 37 56 0 37 23 B 37 10 6 40 25 7 39 07	90 29 94 30 91 43 94 55		M10 4	7A Louis F. Brinkiey Fid Frad Goslkel Fid U.S. Civil Asro Ad- 6A Woslay E. Seydan U.S. Noether Bursa	2 3 6 7 C	Summersvilla Summar 3 SW Sweet Springs Tarkio Tecumseh 2 H	6188 8233 8389 8513	Taxaa Livingaton Snline Atchlaon Osark	4 7 7 12	37 11 39 38 38 58 40 27 56 37	92 17	-	6P 6P	7 A 9P 6P 7 A	Ruth W 11 John W. Gullford Herbert F. Nelmon Jr Lastar 8. Morton Ray H. Hunt	3 3 2 5 5 2 5 5 3	7 7
Ef Mt. John & Elnwood f C 75th & Holmen f C 27th & Haytowe Wd Fennen City U of E.C fennent Redio EROA	436 437 437 441	i Jackson 9 Jeckson 1 Jackson 9 Jackson 7 Dunkits	1		94 38 94 30 94 35 80 04	906 265	6P	110 Lastar Applegate 110 Lestar Applegata 11D Lastar Applegata 6P Univarsity of g. C 6P Radio Ste. KHOA	2 3 5	Topaz 4 NR Trenton Troy Tyrona 2 N Union 1 SE	8444 8458 8498 B518	Douglas Grusdy Lincoln Tseaa Franklin	6 1 6		95 37 90 58 91 53 90 58	840 1380 560	6P	7A 7A WIO 7A	Sarl 1. McMillen W. H. Eatea Robert L. Wichoia Lovana A. Harrieon Cornalius Singas	3 3 5 3 5	7
feytenville 4 WF Eldder flag "tty ferbaville Wedie ElMS ferbaville CAA AD	448 450 454	9 Chariton i Caldwell 5 Gentry 4 Adair 9 Adair		6,40 13		1010	6P	7A Percy N. Ryan 7A CLOSEO	3 5/19/54 3 2 3 5 3 3 6 7 C	Unionvilla Vellay Park Van Bursh 1 S Vandalla Vanzant 4 SE	85 69 1 85 69	Putnas Balnt Lnuls Cartar Audraln Douglas	6 1 6 12	40 26 3B 33 36 59 39 1R 56 56	93 D0 90 39 91 01 91 30 93 16	1062 410 50D 766		7A 7P 6P	Gaorga D. Choats Rny C. Eataa Junior W. WcSpaddan Naomi K. Stouta C. D. Smith	2 3 5 3 2 3 5 3	

MARK

Courses																							JULY 1954
Station	Index No.	County	Drainage !	Latitude	Longitude	Elevation	Temp. H	ion		Refe to table		Station	Index No.	County	Drainage ‡	Latitude	Longitude			Dbs.	n e	beerver	Refer to tables
Pormailies Vicky 5 85 Vicky CAA AP Vicens 3 5V Vicin 81dgv 3 5V	8803 Bo 8815 Va 8614 Va 8620 Sa 8630 Fr	ries ries ries	3	38 13		1040	a ID	win win	Oene S. Bartram Virginia F. Buffman U.S. Civil Aero Adm Jases Sckinney Vincast Heliman	2 3 5	7 C C C					NEW	STATI	ONS					
Vaco Suppopelia San Surremoburg Cost. T. C. Surremotes 1 S Sursay Bo. 1	8664 Ja 8700 Wa 8712 Joi 8725 Va 8733 Dec	yne hason rren	10 7 6	36 55 38 46 38 49	94 35 90 15 85 44 81 08 85 21	475 878 887	5P 5P	BA BA SP	Leatar D. Sigara U.S. Engineara Cant. Teach, Col. W. T. Zimmarman Dora Johnson	5 2 5 5 5 5 5 2 5 5 2 5 5	7 C 7	Hamilton	3368	Caldwell	4	39 44	94 0	9	80	6P	7A Joseph	W. Riddle	2 5 5
Purman Ro. 3 Teachington 5 6 Teaching ton 6 Teaching ton 7 Teaching 2 Teaching 1	8738 Bo 8748 Fr: 8754 On: 8788 La 8777 Pu	ankin ark fayatto	12	38 51 38 47 38 15	83 21 91 00 82 34 85 51 95 14	1294 790	6P	7A 7A	Juha W. Surke Joe Ludweis A. W. Pincknap Jaema J. Foosa Salph N. Land	5 5 3 5 3 2 3 5	C C												
Substor Groves Songarton Soct Plains S i Lamebury 2 SS Sillamewills		llaway	1 7	38 55	90 13	833 1005 . 620	SP SID	3P 8 1D 8 1D	William J. Sillar U.S. Weather Bureau	2 3 5 2 3 5 2 3 5 7/10/54 3	7 C												
0 llow Springs for Sar 0 llow Springs for Sar 0.ndmer 5 EV incom 5 E	8993 20 9000 En 9052 Jo 8178 Bo	well hamon	1 8	36 59 38 55	81 58 91 59 83 53 69 58	-		B1D 6A	Allen Frazen U.5. Firest Service Logan Sutherland J. Monroe Null	2 5 5 5 5 5 5	7 °	# Continuation of Sid	lder	1									

| PMANFACE CODS. 1. Black 2. Chariton 3. Georgiade 4. Grand 5. Seramoc 6, Sississippi 7. Sissouri S. Necebo 9. Osaga 10. Saint Francie 11, Saline 12, Spring 15. Tarkio 14. Shite

#### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

wonthly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Valess otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Show on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR LQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or wore. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- Data in the column formerly beaded "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.

  No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

  Amount included in following measurement, time distribution unknown.

  Gage is equipped with a windshield,

  Adjusted to a full month.

  Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

  Evaluated to a full month.

  One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

  Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

  Trace, an amount too small to measure.

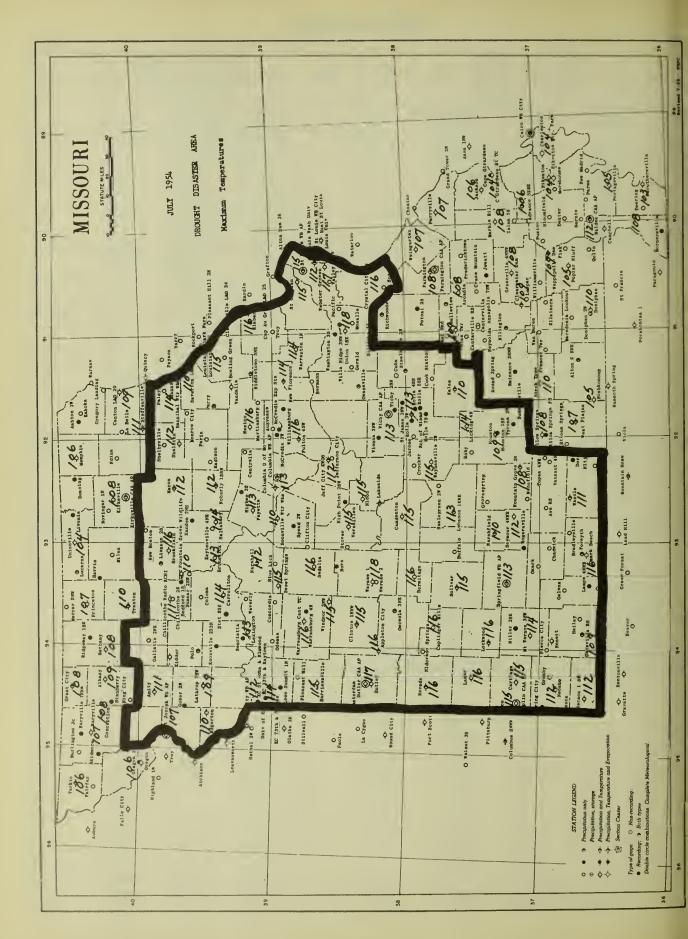
  Includes total for previous month.

  This entry in time of observation column in Station Index means observation made near sunset.

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# U. S. DEPARTMENT OF COMMERCE SINCLAIR WEEKS, Secretary WEATHER BUREAU F. W. REICHELDERFER, Chief

## CLIMATOLOGICAL DATA

## **MISSOURI**

OCT 25 1994

AUGUST 1954
Volume LVIII No. 8



#### MISSOURI - AUGUST 1954

C. E. Lamoureux, Section Director - Des Moines, Iowa

#### WEATHER SUMMARY

August 1954 was warm and wet in Missouri. It was the third consecutive month with above normal temperatures and the 17th month in the last 20, since the close of the year 1952, with temperatures averaging above the normal. It was the first month in the last 17 and second in the last 20 months with above normal precipitation. The rains in the northern counties effectively broke the severe drought which had severely reduced the summer crops grown in those counties. Lighter rains in the southern counties gave a welcome relief to the very dry conditions which had prevailed there, but more rains were needed to offset the long-continued drought. From January 1953 through July 1954 a statewide deficiency in precipitation of 21.55 inches had accumulated, and after the heavy rains of August there was still a defiency of more than 20 inches.

Temperatures for the month averaged 80.1°. It was the warmest August since 1947 and the 9th warmes August in a period of 67 years for which statewide records were available. The highest temperature reported in the State, 109°, occurred in the west-central section at Warsaw on the 28th, and also a Doniphan in the southeast on the 16th. The lowest temperatures in the State occurred on the 31st when 50° was reported at Hermitage and at Louisiana.

Precipitation for the month averaged 5.06 inches, or 1.28 inches above the normal for August. In general the heaviest rains fell over the northern third of the State where the counties north of th Missouri River averaged more than twice the normal for August. In five counties in the northwest the rainfall was in excess of 10 inches, with the greatest amount, 11.44 inches, at Oregon. In the southern half of the State, the precipitation amounts were mostly below the normal except for the southeastern counties from New Madrid north to Perry over an area from Dent county northwestward into Miller county. The least precipitation fell over the southern tier of counties, with amounts less than two inches and the least being 0.81 inch at West Plains in Howell county.

The month opened with a weather pattern that was to be repeated several times with variations durin the rest of the month. A weak weather front lay across southern Missouri and extreme southern Illi nois. As a weak wave moved along this front rain squalls developed with moderate to heavy rains over the State. Late that evening about 10 p.m., severe wind squalls developed in the western tier of counties. Near Bronaugh one barn was demolished, another unroofed, and a third twisted on its foundation. At Appleton City glass windows were blown in, power lines were down, and one barn was struck by lightning and burned. The weak front worked southward across the State with minor damage from lightning on the 3rd, but returned north across Iowa on the 4th, giving Missouri one of the warmest days of the month. This second front worked southward across the State and by the evening of the 7th lay across Arkansas with a weak disturbance developing along the front in that State. Windsqualls broke out across Missouri, with a barn struck by lightning near Chillicothe and 9 calves burned with the barn. At Warrensburg a boy was struck by lightning and killed, minor damage was also reported from Paris, Stover, Warsaw, and Seymour. On the 11th a barn was struck by lightning near Maryville and burned with the loss of several hogs.

By the morning of the 14th a new weather front was established across Missouri. With the front continuing in the northern counties and in Iowa, central and southern Missouri experienced a hot spell from the 14th through the 18th. The high temperature for the month occurred at Doniphan on the 16th on the 14th minor damage from lightning and windsqualls was reported from the Maries Valley in central Missouri. On the 16th a windsquall caused minor damage in Braggadocio in the extreme southeast while similar damage was reported from Tarkio in the extreme northwest. On the 18th a series of severe squalls were reported in the State. In addition to those listed under "Severe Storms" minor damage was reported from Macon, Clarence, Marshall, and Moberly about 6:00 p.m. Near Carroll ton lightning struck a machine shed which burned to the ground. At the St. Charles Airport three planes were damaged about 9:45 p.m.

The story of damage from local windsqualls continued on the 19th with damage to a home in Licking. Near Lockwood lightning started a grass fire which burned over 170 acres. On the evening of the 21st windsqualls and lightning caused minor damage in Weston and Savannah in northwest Missouri. The period from the 22nd through the 29th was the longest hot spell of the month. The high temperature of 109° was equalled at Warsaw on the 28th. On the last four days of this period a weather front worked its way southward across the State. Showers were not so frequent as earlier in the month but on the 26th a windsquall near Odessa blew windows out, demolished a barn, and lifted a pump out of a cistern. At Harrisonville a large chimney was damaged by lightning, with repairs estimated at \$4,000. On the 28th a windsquall demolished a large shed at Joplin. The hot weather ended with windsqualls on the 29th, the most severe of which are described below. On the 30th a high pressure system began moving southward from Manitoba and western Ontario, reaching Missouri on the 31st with the coldest weather of the month. Low temperatures of 50° were reported in Hermitage and near Louisiana.

(Continued on Page 115)

## SUPPLEMENTAL DATA

MISSOURI AUGUST 1954

	Wind	direction		Wind m.	speed p. h.		Relati		idity ave	rages -		Numl	per of d	ays with	precip	itation			nset
Station	Preveiling	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12,30P CST	6,30P CST	Trace	6010.	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover
OLUMBIA WE AIRPORT	ESE	12	8.5	56	NW	29	74	80	56	59	5	4	6	4	1	0	20	66	5,1
ANSAS CITY WE AIRPORT	NE .	16	10.1	45	NW	1	69	77 .	57	54	2	3	5	2	2	0	14	72	5.0
T JOSEPH WB AIRPORT	-	-	-	-	-	-	-	-	-	-	7	2	3	3	5	0	20	-	-
T LOUIS WB CITY	ESE†	11†	9.5	34	NW	18	73†	82†	53†	56†	5	6	5	3	0	0	19	55	6.1
RINGFIELD WE AIRPORT	S	23	12.4	59	W	19	68	78	46	48	2	4	6	1	0	0	13	79	4.9

† -- airport data

## COMPARATIVE DATA

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AUGUST

	T	emperatu	1.0	Pr	ecipitatio	n.		Te	m peratur		Pr	ecipitatio	on .		Te	mperatu	re	P	ecipitation	
Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowert	Average	Average		Year	Average	Highest	Lowest	Average	Average	
1888 1889 1890 1891 1892	74.0 73.5 73.3 73.2 74.3	110 101 106 102 102	45 52 47 38 44	7.03 1.69 5.13 5.29 2.65	0 0 0 0		1913 1914 1915 1916 1917	82.8 78.0 69.8 79.2 73.3	110 106 98 107 104	41 49 37 41 38	1.09 4.25 8.19 4.09 4.69	0 0 0 0		1938 1939 1940 1941 1942	81.1 75.4 75.6 79.2 75.1	108 106 107 106 106	53 45 45 49 41	2.62 4.80 5.78 3.15 4.24	0 0 0 0	
1893 1894 1895 1896 1897	72.8 77.0 75.3 76.6 74.1	100 111 104 108 108	40 39 46 41 41	1.99 1.64 4.02 3.13 2.37	0 0 0 0		1918 1919 1920 1921 1922	81.8 75.7 73.1 76.8 77.5	111 106 102 109 107	45 44 43 48 46	3.57 4.33 4.69 5.39 2.44	0 0 0 0		1943 1944 1945 1946 1947	79.8 75.9 76.8 74.0 83.4	110 107 103 111 109	44 41 45 37 56	2.46 6.09 2.08 5.64 1.81	0 0 0 0	
1898 1899 1900 1901 1902	75.8 78.8 80.3 78.4 75.0	103 107 105 109 103	44 49 52 47 47	3.13 3.13 3.55 2.05 6.06	0 0 0		1923 1924 1925 1926 1927	77.3 77.2 76.5 77.5 71.1	108 106 107 106 97	42 48 45 50 39	3.81 4.11 3.34 5.65 5.09	0 0 0		1948 1949 1950 1951 1952	76.2 75.1 71.2 76.2 75.7	104 99 98 105 104	46 42 37 48 40	2.14 3.04 6.72 5.14 5.12	0 0 T T	
1903 1904 1905 1906 1907	74.5 73.7 76.4 76.6 77.3	102 100 99 101 109	43 43 48 40 47	5.00 5.40 4.68 4.70 3.89	0 0 0 0		1928 1929 1930 1931 1932	76.4 76.0 78.5 74.9 77.2	99 105 114 106 106	45 43 47 44 46	5.48 2.58 1.99 4.97 5.70	0 0 0 0		1958 1954	77.7 80.1	105 109	43 50	1.51 5.06	T	
1908 1909 1910 1911 1912	76.4 79.5 74.7 75.4 76.2	102 110 103 109 104	46 40 40 41 41	3.46 0.60 2.92 4.33 4.04	0 0 0 0		1933 1934 1935 1936 1937	75.4 80.6 77.7 84.6 80.5	103 115 110 116 105	48 41 45 43 51	3.82 4.01 2.20 0.84 2.05	0 0 0 0								

rages for the period 1949 to date have heen weighted according to area and are not comparable with unweighted values published in this table for earlier years.

	,			Ten	pera	ture									P.	recip	itation					
Chalia-				nal					Days	No.	of D	ays		nal	Day		Snow,	Sleet, F	Iail	-		Days
Station	age mum	age num	196	rture Normal	est		25			Max.		Min.	_	Normal				r. Depth Ground		More	More	,
	Average	Average Minimum	Average	Departure From Norn	Highes	Date	Lowe	Date of	Degree 90° or	Above	Below 32° or	Below O or	Total	Departure From Nor	Greatest	Date	Total	Max. on G	Date	.10 or 3	.50 or	1.00 or Mor
NORTHERN DIVISION								+-	+	+	+	+	-									70
AL BANY	87.3	65 • 8	76.6		103	4	56 3					0 (		6.69	2.30		0.0	0		12	10	2
AMITY BETHANY	88.0 86.9	66.5	77.3 76.5	1.5		4	58 3 56 3	1	0 1	14	0	0 0	9.52	6.75 5.70	2.63	12	0.0	0		12	6	3 3
BROOKFIELO BRUNSWICK DANTON L ANO O 20	91.6 89.1	68.1 68.6	79.9 78.9	4.7	105	4	58 3 59 3					0 0		3.79	2.70		0.0	0		11	3	3
ARROLLTON CHILLICOTHE RADIO KCH1	89.9 87.4	67.5	78.7 76.8	1.3	105 100	4	57 3 55 3						6.39	2.44	1.58		0.0	0		13 12	4	2 2
OLUMBIA WB AP R ONCEPTION	89.7 87.8	69.0	79.4	3.2		4+	58 3 59 3	1	0 2	20	0	0 0	6.55	2.66	1.48	1	0.0	000		11	5 8	1
OGERTON LSBERRY	89.5 88.6	66.1 67.5	77.8 78.1	2.7	101	4 19	56 3 52 3	1	0 1	17	0	0 0	7.48	3 • 44 2 • 28	1.33	8	0.0	0		10	7.	3
AYETTE OUNTAIN GROVE WILOLIFE	89.9	68.3 64.1	79.1 76.3	3.2	101	4	58 3 52 3	l i	1 1	15		0 0	8.48	4.92	2.21	6	0.0	0		11	5	2
RANT CITY	92.1 85.8	67.9 65.4	80.0 75.6	3.6 0.7		30	57 3 58 3	l	0		0	0 0	9.46	2.03	2.20		0.0	0		15	6	2
AMILTON ANNIBAL WATER WORKS	87.6	66.4	77.0	0.5	101	4	56 3 54 3		4 1	11	0	0 0	5.37	2.03	1.02		0.0	000		10		1
ANSAS CITY W8 AP R IRKSVILLE RADIO KIRX IRKSVILLE CAA AP R	91.3 85.4 84.2	71.6 64.0 65.2	81.5 74.7 74.7	0.7	103 101 101	4+	52 3 55 3	i	0 1	8 8	0	0 0	8.42	1.12 4.30	1.71 2.44 1.66	1 17 8	0.0	0		13		2
ATHROP 3 SW OUISIANA STARKS NUR	88.6 88.9	65.1	76.9 78.2	3.3	101	4 4	59 50 3	9	0 1	14	0	0 0	6.76	0.39	2.15	1	0.0	000		11	5	
ACON ARYVILLE	87.4 85.6	65.3	76.4 75.8	0.3	100	5 4	54 3 58 3	1		17	0	0 0	9.32	5.51 7.15	2.98	1 12	T 0.0	0		9 15	7	4 7
EMPHIS EXICO	84.8M 90.0	64.4M 67.7	74.6M 78.9	- 0.6 2.9	103	5	55 3 55 3	1			0	0	6.62	2.65	2.45	12	0.0	0		9	6 6	2
OBERLY RADIO KNCM EW FLORENCE	87.8 90.5	66.9	77.4	1.7	100	4	56 3 54 3	1	3 2	22	0	0 1	7.27	3.46	1.16	1	0.0	0 0		10	6	2
REGON RINCETON AINT CHARLES	86.1 88.2 91.6	66.8 66.1 69.6	76.5 77.2 80.6	3.8	98 104 104	4 4	60 1 55 3 58 3	1	0 1	11 14 22	0	0 1	0 11.44 0 6.85 5.23	7.64	2.09 1.94 1.10	22	0.0	0 0		12	4	1
AINT JOSEPH W8 AP	87.1 89.3	69.1	78.1 78.5	0.0			63 3	1	0 1	14	0	0 0		6.62	1.72	1	0.0	o o		11 11		
VERTON L AND 0 22 EL8INA	87.3	66.6	77.0		101	4	55 3			15				3.16	1.80		0.0	0		8		
EFFENVILLE RKIO	86.2 86.2	66.4 66.1	76.3 76.2	- 0.2 1.0		4	54 3 58 3	1	2 ]	13	0	0	0 10.57	6.53 4.13	2.97 1.57	17	0.0	0		10	5	
RENTON VIONVILLE	88.7 85.2	67.5 65.7	78.1 75.5		102 103	4	59 3 55 3	1	2	17	0	0	8.60 7.65		2.24	17	0.0	0		14 12 12	7	3
ANDALIA ARRENTON 1 N	89.9 90.2	68.4	79.2 78.3	1.8	102	4+	54 3 51 3			18 20			0 4.61 0 4.38	0.71	1.52		0.0	0		8	3 2	2 2
OIVISION			77.5	2.0						ŀ		ľ	7.61	3.90			т					
SOUTHWESTERN OIVISION																						
NOERSON 1 SW PPLETON CITY	98.5 97.6	64.2	81.4 83.4	5.6	105 105	16+	60	9+	0 :	28	0	0	0 1.13 0 4.69		0.89 1.75	2	0.0	0		6	5	
DLIVAR DONVILLE WATER WORKS	97.6 87.6	70.8 68.4	84.2 78.0	7.3 1.8	99	5	59 3 59 3	1	1	29 17	0	0	2.19 0 7.90		0.99	1	0.0	0		13 7	5	
ITLER CAA AP	94.3	70.5	82.4		103 103 104	16	61 3 58 3	1	0 :	24 23 27	0	0	5.73 0 5.60 0 4.11		1.46 2.26 1.45	1	0.0	0 0		6 7		
MOENTON PLINGER MILLS ARTHAGE	96.8 98.0 99.0	64.6 67.3 71.8	80.7 82.7 85.4		105	17	54 3 52 3 58 2	1	0 :	29	0	0	0 4.11 0 1.85 0 1.70	- 2.70	0.59	20	0.0	0 0		5	1	
INTON 1 NNW	94.01		81.3M 80.7	3.7		28+	58 3	1	1	22	0	0	3.78 0 5.86	0.13	2.25	2	0.0	0 0		7 8	1 4	
ARRISONVILLE ERMITAGE	92.7	68.7	80.7	4.8	102	4+	60 3 50 3	1	0	20	0	0	0 8.14	3.96	2.60 1.28	2	0.0	0		8 5	6 2	3
EFF CITY RADIO KWOS OPLIN CAA AP	92.3 96.6	68.9	80.6 85.2		102 105	18 28	58 3 63	9	0	22	0	0	0 3.74 0 2.33 0 6.93	- 0.09 - 1.64	0.94	1	0.0	0		10	2 2 2 5	2
ANSAS CITY UN1 OF K C AKESIOE	92.1 92.9	68.3	80.2 79.3	0.2	103	19+	55 3			21	0	0	0 4.48	1.31	2.28	2	0.0	0		8		
AMAR E8ANON 1 ENE	96.7 94.9 90.9	71.6 68.7 69.0	84.2 81.8 80.0	5.7	103 104 103	17	60 56 3 60 3		0	26 26 20	0	0	0 2.71 0 3.33 0 7.33	- 1.16	1.80 1.45 1.55	6	0.0	0 0		10	3 2 3 5 2	
EXINGTON OCKWOOO	100.0	71.6	85.8		107			9		30			7.33 0 2.08		1.26		0.0	0		2	2	1
ARSHALL ARSHFIELO ONETT	95.71	68.7M	82.2M		103	17			0		0	0	0 3.16		1.13	1	0.0	0		4	2	2 2
OUNTAIN GROVE 2 N OUNT VERNON 3 SW	95.2 98.4	69 • 3 70 • 5	82.3 84.5	6.8 7.8			57 3 59	1 9		25 29	0		0 2.23		1.04		0.0	00		4	1	
EOSHO EVAOA	97.5	66.9	82.2 85.6	5.1	103	7+ 16+	62 3		0	29 31	0	0	0 2.17 0 3.90	- 2.20 0.13	0.71 1.27	2	0.0	0		5 7	1 4	
ZARK BEACH EOALIA	99.7	69.0	84.4	4.8		4+	58 1 58 3	1	0		0	0	0 1.69 0 7.26	2.08	0.58 1.94	6	0.0	0		10		
ELIGMAN EYMOUR 4 NNE	95.3 96.0	69.4	82.4	5.0	104	15+		9	0		0	0	0 1.98	- 3.18	0.61	22	0.0	0 0		2 7	1	
PRINGFIELO W8 AP R/ WEET SPRINGS FRSAILLES	94.1 91.9 91.5	67.1	81.7 79.5 80.4	2.2	102 102 100		59 3 56 3 60			20		0	0 2.84 0 7.05 0 5.69		0.72 1.99 1.37	1	0.0	0 0		10	4	
ARRENSBURG CENT T COL ARSAW NO 1	93.1	71.0	82.1	5.0		4	61 3 56 3	1		22	0	0	0 6.89	2.92	1.70	2	0.0	0 0		10	5	3 2
ASOLA AYNESVILLE 2 W	96.2	67.7	82.0		105	17	58 3 55 3	1		26	0	0	0 1.01		0.45	8	0.0	0		8	5	
INOSOR 3 NW	93.2	70.1	81.7		102	4+	60 3	1		22			0 5.86		1.50		0.0	0		9	5	1
DIVISION			82.0	5 • 2									4.00	0.10			0.0					
SOUTHEASTERN DIVISION  DVANCE 5 ESE	93.5	68.7	81.1	2.5	100	1.5	6710	,	0	21	0		0 , 0-	0.00	1.00		0.0				2	3 2
	93.5	67.1	81.1		103		57 3		0	24		0	0 4.80	- 0.91	1.59 0.60		0.0	0		11	1 1 2	
ARCADIA BIRCH TREF	94.4	65.7	80.1		106	1.7	56 1	0	0	221	0	0	0 3.18	- 1.58	2.53	20	0.0	0		9	1	

TABLE 2. CONTINUED																				7003	1 1954
				Ten	npera	ture									P	recip	itation				
				al					10	No.	of D	ays		al	Å.		Snow,	Sleet, I	lail	No.	of Days
Station	Average	Average	Åverage	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Above 32° or	╁	Min.	Total	Departure From Norm	Greatest Day	Date	Total	Max. Depth on Ground	Date	.16 or More®	.50 or More
APE GIRARDEAU MO ST (ABUTHERSVILLE HARLESTON LEARWATER DAM LEARWATER DAM LEARWATER DAM FARM NGTON FARM NGTON FARM NGTON ACKSON ACKSON ACKSON CENNETT RADIO KBOA EOSHKONONG LICEING 4 N MALDEN CAM AP MARBLE HILL POPLAR BLUFF PORTAGEVILLE ROLLA SCHOOL OF MINES SAINT LOUIS WB AP SAINT LOUIS WB AP SAINT LOUIS WB AP SAINT LOUIS WB AP SAINT LOUIS WB AP NIND SAINT LOUIS WB	93.4 95.1 95.0 96.1 93.4M 99.2 93.3 91.7 95.6 95.1 96.8 92.9 94.4 94.4 94.6 92.0 96.1 92.0 96.1 92.0 96.1 92.0 96.1 97.7 98.8 92.7 94.4 94.4 94.4 94.4 94.4 94.4 94.9 93.1 93.3 94.9 94.9 94.9	70.2 72.0 71.0 66.1 66.2 67.3 04.4 65.2 66.8 69.3 70.5 66.2 39.4 68.8 71.5 71.4 69.9 71.5 67.8 65.9 71.5 67.8 68.2 67.3	81.8 83.6 83.0 83.0 81.1 79.8M 83.3 78.5 81.2 82.1 82.5 80.3 81.7 80.0 81.7 80.0 81.0 80.0 80.7 78.5 83.1 81.7 80.0 80.7 83.1 81.7 80.0 80.7 81.0 80.7 81.0 80.7 80.7 80.7 80.7 80.7 80.7 80.7 80	1.6 5.7 3.5 4.5 6.0 4.3 4.4 3.3 4.5 5.5 5.3 1.4 4.7 2.6	104 105 105 105 105 105 106 104 106 102 103 106 102 103 101 102 101 102 101 102 101 102 101 103 105 105 105 105 105 105 105 105 105 105	16 15+ 18 16 18 18 18 16 16 15+ 15+ 16 17 17 16 19 19 19 16 16 18 18 18 19 19 19 16 16 16 17 17 16 16 17 18 18 18 18 18 18 18 18 18 18 18 18 18	63 60 58 56 57 51 51 55 56 60 60 59 58 58 58 55 55 56 56 56 56 56 56 56 56 56 56 56	31 10+ 13 10+ 31 31 31 31 31 31 31 31 31 31 31 31 31	0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 (24 ) 27 (27 ) 20 (28 ) 24 (27 ) 26 (28 ) 27 (27 ) 27		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4.47 1.73 3.00 3.20 3.93 2.62 3.28 2.94 5.72 3.28 2.94 4.03 4.76 3.38 5.23 1.41 2.4.46 4.56 4.56 4.56 4.56 4.56 4.56 7.56 7.56 7.56 7.56 7.56 7.56 7.56 7	0.57 - 1.96 - 1.52 - 2.51 - 1.68 - 1.34 - 3.07 - 0.74 - 3.16 0.02 - 1.01 0.16 - 0.32 - 1.01 0.16 - 0.32 - 1.01 0.16 - 1.88 1.48 - 2.09 - 1.75 - 1.92 - 2.55 - 0.28 - 1.28	2.15 0.66 1.00 1.32 1.10 0.73 0.53 0.50 0.73 2.27 1.68 0.40 2.00 0.34 0.66 1.72 0.95 0.84 0.66 1.72 0.95 0.73 0.73 0.73	20 20 28 2 19 30 29 6 6 20 11 20 19 16 11 20 6 6 11 20 6 6 11 20 6 11 20 6 11 20 6 6 11 20 6 6 7 10 6 7 10 6 7 10 7 10 7 10 7 10	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0			5 4 5 6 6 5 6 6 5 6 11 7 6 2 3 6 4 8 8 8 8 8 6 4 5 7 11 15 15 15 15 15 15 15 15 15 15 15 15	2 2 0 1 1 2 0 0 0 0 2 2 2 0 0 1 1 2 2 2 2

#### WEATHER SUMMARY (Continued)

The rains came too late to save much of the summer crops in Missouri. Practically no pasture was left in the southern part of the State because of the extended drought. Even trees were dying there. Water shortages were critical with many farmers hauling water for livestock. Others were disposing of their livestock. Grasshopper damage was considerable throughout the State. As the early rains continued crop prospects improved slightly, but with anticipated yields far below the normal for the State. Cotton was doing well in the southeast, and prospects improved for fall pastures from new growth of lespedeza. Late in the month the sowing of wheat, barley and rye for fall pastures was underway in the northern counties. As the month closed cotton picking was underway in the "bootheel" area of the State, with the first bale reported on the 18th of August. Drought lessened the production of redtop seed to an estimated 950,000 pounds of clean seed, the smallest crop on record. The crop was about one-half of the 1952 crop and only one-fifth the nine year average 1944-1952.

#### SEVERE STORMS

18th, Adair county. A severe hailstorm damaged corn and soybeans between Kirksville and La Plata. In La Plata there was extensive damage to glass.

18th, Franklin county. In the late afternoon a small tornado damaged five farmsteads in northwestern Franklin county between Detmold and Kiel. Several persons reported seeing the funnel cloud.

29th, north-central Missouri. Damaging windsqualls occurred between 4:15 and 4:30 p.m. the most severe of which struck between Trenton and Chillicothe where trees were uprooted, buildings unroofed, windows blown out, 294 panes of glass broken in one greenhouse, and winds were estimated at 90 m.p.h. One person was electrocuted by a broken power line. Windsqualls were also reported in southeastern Missouri between 9:00 p.m. and 10:00 p.m. with the most extensive damage to trees and communication lines in Perryville. In Rolla two houses were struck by lightning while light damage was reported in Festus, Bonne Terre, Bismarck and Fredericktown.--CEL

AUGUST . 9 .

Table 3									-	-				-	,		_					-										٨, و.
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	Day 13	of m	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ADVANCE 5 ESE ALRANY ALTON AMITY ANOERSON I SW	4.80 10.29 .89 10.95 1.13		.05 .52 .32 .89			Т	1.59 .05	•57 •03 •41	.95 1.17 .22	т		.53 .11	2.30	.04 T	•03 T	Т	.04	.51	.21	.09	.24 .34 .27		1.40	т	. 04 T		. 44	.69 .65 2.47	.02	.67	. 47	
ANNAPOLIS 7 SW APPLETON CITY ARCAOIA AUXVASSE AVA RANGER STATION	3.42 4.69 3.46 4.12 1.50	.60	.80 1.75 .43 .02 .38		•12		•51 •55 •48 •40	.26 .28	.29 .57 .46 .07			.02 .45	.03 .10 1.54	T T				.11		.06 .96 .44	.40		.05	•14		.19		• 09	.17 T .14	.22	•50	
BELLEVIEW BERNIE BETHANY BIRCH TREE BLACK 6 NW	4.65 9.52 3.18 3.19	.58	.09 .35			.03	1.29 .51 .20	T .35	.48 .07 1.37 .10			T T	.35	• 02	•19	.03	.03	•34		.06 .04 .34 .20	.14		•95		.16	•39	.08	.77	.03		.39 .38 1.30	
BLODMFIELO BOLIVAR BOONVILLE WATER WORKS BOWLING GREEN BRAOLEYVILLE	6.54 2.19 7.90 4.39	1.85	2.00 .52 .25	.03	-10	.08	1.65 .18 1.20 .12	.05	.05 .11 .60	_	_	•07	T •02 1•06 1•32	.02 .03	_	.02	_	.33	_	.12 .06 .44 .47			.01	T .2?	_		_	- 1	.05 .02 .34 .07	*11	.06 .37	
BROOKFIELO BRUNSHICK RUFFALO BUNKER BURLINGTON JUNCTION	8.04 7.73 2.63	1.10	•16 •73	-	-	•22 •15	•14 •17		1.18 .46 .04	-	-	.43 .10		•31	.02	-	.60 .12	.33 .23 -	- 05	.33 .35	.07	-	75	T 	- 25	•75	•22	.68 .20	•16	-	.02 .41 .14	-
BUTLER BUTLER CAA AP CAMBENTON CANTON L AND D 20 CAPE GIRARDEAU MD ST	5.73 5.60 4.11 	2.26	1.27 .01 .65 -	-	-	_	1.43	.30	.20 T .08	-	-	.03 .15 T	.16 .04 .05	T -	•01 T •04	T -	•25	.15 -	.03	1.46	.03 .01 .25	-	_	-	-	-	•02	T	•22 •08 T	-	54	_
CAPE GIRARDEAU CAPLINGER MILLS CARROLLTON CARTHAGE CARUTHERSVILLE	4.21	.46 1.58	1.12	T •02		.10	2 • 15 • 45 • 77 • 22 • 51	.36 .05	.04 .21 .22 .03			•26	.02	T •03	т		.25	•50	.29	T •14 •35	.23 .59 .02	.01	•27					.24	т	.05 .13	.64	
CASSVILLE RANGER STA CENTERVILLE CENTERVILLE CENTERVILLE CENTRALIA CENTRALIA	2.01 3.68 4.35 6.24 3.31	.06	1.53 1.29 1.08		•20	.28	.74 1.00	.19 .47 .50	.13 .12 .06			•16	.03 .05 2.36	1 •10 •07	T		.60		.09	•11 •02 •05	.12 .40 .53		.04		• 04			Т	.47 .43 .04	.03	•15 •16 •24 •30	
CHARLESTON CHILLICOTHE 2 S CHILLICOTHE RADIO KCHI CLEARWATER DAM CLIFTON CITY	3.00 5.87 6.40 3.20 7.66	.66 .44 .64	.20 .09			т	.40 .04 .41 .57	•29	1.07				T 1.80 1.68 .03	T •02 •03	.03			.06	.45	.66 .65 .40 .11			.01	T T	T T	т	T T	.47	.03	.22	.78 .33 .26	
CLINTON 1 NNW COLDMA COLUMBIA WR AP CONCEPTION CONCOROIA	3.78 7.45	.35 J.10 1.48	2.25	•11	т	.94	.10 .55 .63 .16 2.76	.64	.40 1.06 .40			•16 •85 •58	.30 2.68 .43 2.17 1.10	T T T	•03	•03	.10	•10 T •42	.07	•31 •16 •93	.20		.09	.20	• 05		T T	.10 .56 .05	T .14	.83 T	T.	
COOK STATION CRANE MDUNTAIN CROCKER CRYSTAL CITY 1 N	4.35 2.86 3.93 3.95	.33 .05	.71 1.22 1.09 1.10			.19	.71 .73	.40 .21 1.80	.04 .26			•03	.27	.05	.10		•15	•02	.22	.01	.03 1.08 .17 .34				• 02	.01		.60 T	• 14	.20	.29	
CUBA  OEERING OE SOTO OEXTER DONIPHAN	1.88 3.21 5.56 1.73	.20 .88	.52 .68 1.47	T • 31			.19 .09 1.60	.42 .04	.05 .15 .43 .11	Т			•18	T •03 •05	·03			•24		.13 .39 .03	.84 .32 .43	. 35		T	т	т	•03		.27	Т	.20 .18 .34 .59	
OONIPHAN 2 W EAST ENO EGGERTON EDINA ELOON	10.40	1.23	1.55		Ť	.29	.17 1.15	1.30 .52 .09 1.54	1.33 1.88 .06			T •03	.15 .86 1.14	.06 .10			•35 •12	•03 2•87	.08	.30 .62	.98 T	•95	•16	.14			•08 •64	.51 1.97	•12		1.95	
ELDDRADO SPRINGS ELLIJAM ELLINGTON ELLSINGRE 1 N ELSBERRY	5.54	1.06	1.01 1.35 .61 .09	•22		† •12	.72 .48 .01	•32 T	.15			•02	.18 T T 1.50	•12	• 02	•03		1.49	.07	.98	.46 .22 .03				•11	.10		.60 .51	.13		.60 .13	
FAIRFAX  FARMINGTON FARMINGTON CAA AP FAYETTE FISK	7.25 2.62 3.28 8.48 3.11	.08	•51 •28 •04	. 43		•36 •07	.30 .12 2.21 .30	.07 .22 .07	.47 .37 .10 .50			.09	.36 .26 1.48	•03 •01 T			•01	•47	T 0 2	.57 .01 .35 .74	.37 .02 .05	.21	.71 .02	.55			т	T .40	7 •33	•02 •50	.53 .18	
FORSYTH  FOUNTAIN GROVE WILDLIFE FREBORICKTOWN FREMONT TOWER FULTON 4 SW	7.40 2.15 4.15 5.68	1.80	.69 .22	-	-	T .02	- 1.00	1	- .92 .14	-	-		2.10 .15	.03 T	-	T	.23	.03	т	.12 T	.17	-	T	т	.11	-	7	.91	T .04	1.70	.15	
GALENA  GALLATIN 2 NE GERALO GRANBY GRANT CITY	1.13 9.24 4.97 1.72 9.46	.47 .05	.36 1.62 1.22			.19		.42	.10 .20			•08	2.61 .48		•11	.15	• 32	.18	.05	.91 .10	.09		•29 2•07		. 71			1.20	.22	7	.08	
GREENVILLE 4 NNW  GREGORY LANGING GROVESPRING HALLEY HAMILTON	2.94 4.94 3.17 2.17 8.70	.12 .50 .94	.37 .84	.01		e 44	.04		.78 .16 .11 2.49			T •04	.01 .41	*11 T		Т	.18	• 79		.43	.46 1.81 .08		•17	.08 T	T • 05	т	•51 T	1.06	. 26	•05	.38	
HANNIBAL HATER WORKS HARRISONVILLE HAZIEGREN 2 H HERMANN	5.50 5.37 8.14 2.96 4.88	.65	2.60 .83 .25	۲	Т	.18	2.05 .99 1.22		•32 •23			T .40	1.71 .77 .45 .05	.05 T	.19	•17 T		1.05		.91 .10 .53	.92						.13	• 08 • 55	T .62	•22	T .29	
HERMITAGE HOUSTON JACYSON JEFF CITY RADIO KWOS JEFFERON CITY	3.74	1.43	.32 .60	-	- •02	-	2.27 .45	- •10 •36	- •02 •15	- Т	-	- T	•11 •07 •94 •68	T •01	-	-	-	- 02	-	- .13 .08	.79 - .69 .05	- 08	-	-04	-	-	-07	.78	.02	- -10	- •17 •20 •09	-
JERGME JUPLIN CAS AP EAMORA FAN AC CITY WE AP FAN'AC CITY WE AP FAN'AC CITY WE AP FAN'AC CITY WE AP FAN'AC CITY WE AP	5.01	1.71	.20			.64 .25	1.29	*02 1.16	*88 T			•30 •10 •37 •25	*03 *63 *11 *42			•11	.01	.08 1.05	•21 •50 •08	.51	т	.03	.17	.88 T	• 05		1.23 .06 .02	•23 •10 •11	• 02			
FENNETT PADIG EBOA  FIFT VILLE 4 MF  FINE CITY  FINESVILLE FAMIO FIRE  FINESVILLE (AA AP R	8 . 42 8 . 26	.35	-	- • 05	-	- •16 •23		- -17 •13	- .93 1.66	-	-		1.05	•01	- T	:	19	- - 2.44 .88	- .32 1.28	- - -20 -01	1.68 - T	-	02	-	Ξ	-	- •91 •54	- -84 -92	:	Ξ	=	-
e THE (MASSAIG)  A HE EE  ARE US  AND ESPACE SERVICE  ATHORP SHE	10.31	9 .29 9 .55					1.27	.05 .37 .13	2.67			.05	1.02	.05 .22 .04	т	т	.07	3.60		.31	.14 1.80 .47	1	+66 •22	.10 T	•15			1.55		•48		

Table 3-Continued									_	_			_	_	-															AUG	SUST 1	954
Sintion	Total	1	2	3	4	5	6	7	8	9	10	11	12	Day 13	y of m	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
5 POLITING 1 F. POLITING 1 F. POLITING 1 F. POLITING 1 P. POLITING 2 F.	3.33 7.33 4.03 7.76 2.06	1.54	.65 .84 .62			.21 i	1.45 1.55 .70 .20	.10 .19 .02 .30	.05 .75 .13 .66 T	7			.02 1.16 .05 2.38		т	Т	.08	.05	т	.38 .23 .40	2.00	.05		* <sup>03</sup>	T T • 05		°50	.33		T T .01	•19 T	
ANA STARKS NUR 11NA ENE AN TO A LIKIN T	4.93 4.95 6.06 2.39 9.32	.67	***************************************	7 7		.19 .05 .14	.22 T .11	.35 .34 .15	.33 .32 .56	.01		•13	1.19 1.16 1.50	.04	T •08	.01		1.28 1.24 .59	.14	.38 .44 .16 1.35 1.45	.30	.03	1.71		. 26 . 06		.07	.02 .01 .54	.06	.02		
a 50% a_ N aa'aP R an Plu an E Mill an Adil	2.45	1.65	.53	_	_		.15	.05	.78 .19 .15		-	- 25	2.30 T	*10 T	_	- 55	_	.70	_	.90 3.30	.14 .80 .28	-	-	-	•19	_	.65	-	.37	•59 •17	T	_
21 ) +	3.16 5.53 11.13 6.62 6.75	1.41	.46	•13		17 •13 •30 •70	T •03 •19	.07 .66 .03	.08 .55 .70	т		.45	1.72 2.90 .56	.04 T	.15		.02 T	.33 .38 2.45	.61 .08 .16	.08	1.12 T		2.07	.35	• 28		•12 1•32 •72	.69 .41 .38	.52 .18 .20	.13	.13	
T O ETCHANG & NE  AN E SHILL RANGE OF KNCM  ENETT	6.14 5.33 7.03 7.27	.27	7	-	.06 .18	.24	.34 .17 .04	T .18	.32 .18 .72 .35	-	-	.26	2.12 1.58 1.31 2.20	.39 .05	•05 ~	-	.03	.92 .54 1.32 .62	.12 1.13	1.04	.03	•55	-	.17	• 42 T	-	.72	.66 .46 .59	•04	_	•37	_
IONAUÉ CITY IOREMOUSE C'ÉLLÉ IOUNTAIN GROVE 2 N IUNT VE NUN 3 SH	2.23	.69 2.42 .06 .55	.72 .26	.06		.16	.12 2.42 .28		.79 .12 .03 .12			.31	1.28 .01 .42	•03 •05		. 26 T		.25	.22	.85 .19 .09	.89 .08	т		.01	.20 T	T T		•22	.07		.29	
E COO EVADA EVA STON EVA SECORENCE IN MADRIO	3.90 8.08 5.15	.49 .33 .94 1.16 1.72	1.27	.05		•11	.19 .56 .17 .15	.11 .16 .03	2.23			•05	.04 .08 1.69 1.07	T T	т	т	.27 T	•91 •50		.08 .43 .11	.57	.01 T	•22 T	.05 T	• 02	т	.07	T • 75	•31 •30 •53		.79	
ates tower SSA REGON SCHOLA 3 NE WENSVILLE	11.44	.60 1.50 .26	1.38	-	-		- 2.10 1.15 .44 1.20	- .15 1.12 T	- .92 .49 .68	-	-	-	.92 .97 .34	T .03	.05	- 20	.23	.09	ī	- •25 1•17 T	1.12	-	2.09	- .06 .02	- 68	-	-	- •35 •60	-	-	.57	-
ZARE CEACH ACIFIC ALWERA ABIS	1.67 1.69 3.82 5.75 8.43	.65	.90 .58 .63				.12 .05	.13	.16 .34 .18 .45			•02 •05	.72 1.13 2.08	•12		.10		.18 1.65 1.12	.04	.09	Т				•29 •18	. 04 T		•31	.30 .16 .68	•08 •24	•50	
ARMA VERRYVILLE PIERCE CITY REASANT MILL POLO	1.95	1.06	1.02	•05			.24 1.10 .15 .70	.05 .30 .13	.08	т	•22	1.23	1.07	•17	т	.40 .31	.26		. 46	. 33	.71 .72 .20 .20	•10	.10		•01			.03 .25 .76	•15	.30	.29 1.80 .20	
COPLAR REUFF CORTAGEVILLE PRACETON UNICO RALIN	1.41 2.32 6.85 5.60 1.32	.66 .21 1.56	3				.15 .53 .02 2.02	.02 .28 .18	.10	1		.64	1.20	•01 •04 T	•02		•12	.14	т	.34 .36 .25 .09	.63 .05	.30	1.94	.04	•13	T •04 •16	.03	•39	.78	•05	.05	
REYNOLOS HEMMODS 108Y 10ULA SCHOOL OF MINES JUND SPRING	3.88 3.66 3.23 4.46 2.97	.04	1.37 1.02 .50 1.08 .46			•06	.37 .72 .62 1.72 .12	.40 .05 .03	.13 .26 .05 .03				•28		.01	.03			.04	.23	.36 1.23 .17			.10	• 09			.18		.13	.20 .64 .20 .39	
A NT CHARLES SAINT JOSEPH HR AP AINT LOUIS HB AP AINT LOUIS HB CITY AINT LOUIS UNIVERSITY	5.23 10.35 4.56 3.93 3.62	.92	.28 T .32 .95	•02 •05 7	.08	.04 .07 7	.60 T	.68	.60 1.44 .66 .81	.01 T		.06 .07 .56	1.10 1.40 .50 .41	.01	Ť	.01 .03	. 22 T	.64 .17 .57 .09	.18	.59 .57 .17	.27 T		1.66	T •09 T •01	.05 .05 T T	•28 •03 T	T •07	1.50	.16 T .22 .16	.08	т	
AIRT LOUIS WASH UNI ALER ALISRURY AVERTON L AND 0 22 FOALIA	3.40 6.45 6.95 - 7.26	.97 .66	.49 .58 .01 -	T _	-	•07	.09 1.45 .31 - 1.94	.86	.44 .08 .26 -	-	-	•35	08 2.50 -	-	-	-	• 35	•25 •64	-	- 51	1.57	.03 T	•02	T •05	. 16 T	-10	-	.38	.03	.02	•09	-
ELIGNAN EYMOUR & NNE #ELOINA MELOYVILLE IRESTON	1.98 1.06 6.88 7.62 5.28	.64	1.63 .10 1.52	•01		•22	.27 3.04	.05 .13 T	.15 1.25 1.82			•15 •66	1.32 1.30	T .01		.04	•22	1.00		1.80 .40	.20 .45 T	T	•61	т			.18	T • 53	.40 T	т	•10	
RESTON CROP EXP FARM LOAM SPRINGS PRINGFIELD WB AP R// TEEL-VILLE 2 N TEFFENVILLE	4.54 1.70 2.84 4.01 10.57	.23	.45 .27 .74		•01		.07 1.01 .04	.33 .62 .12	.08 .13 2.84				.01 .33 1.35	.01	.01	т	•12	2.97	T .05	-21	1.25	.41		.36				1.06	.02 .72		• 08 • 64	
TOWER  ALLIVAN 5 E  MERSYILLE  MER 2 SW  FET SPPINGS	7.11	•02	• 33			7	1.05 .66 .07 .12 1.43	.48 .14 .38 .20	.62 .25 .38 .74	•04 T		T •73	.16 .16		т	T T •07	.29 T	.11	•03	.91	.15 .19 1.24	T		.10 T	•18 T		т	•31	.02	.37 .04	.49 •18 •83 T	
APK 10 ECUMSEM 2 N DPAZ 4 NE RENTON BOW	1.62	.28	•98		•12		1.33 .25 .20	•20	1.57 .35 1.14 .25			• 0 5	2.24		.07 .02	•05	.07				.27 .40	.45	•25 •56	.67	•18		.02	.40	.05 .80	Т	•55 •25 •58	
WION 1 SE NIOWVILLE ALLEY PARK AN BUPEN 1 S ANDALIA	2.61 7.65 3.79	.02 .47	-	.01	.07	.14	.24 T .09	.30 .06 .03	.07 .76 .29	T T T	-	-09	.33 1.28 .78	-07	.01 .01	.04	.03	.08 1.64 .37	-01	.24 .16 .17	.09	-01	1.29	-	•02	•17 •02	-64	1.01	.15 .19 .17	.09	.09 .10	-
AWZANT & SE EBSAILLES ICHY CAA AP ACO APPAPELLO DAM	1.55 5.69 4.26 1.47 2.50	.73	.25 1.37 .80 .87			1.20		1.16 .31 .56 .12	.28 .36 .19			•15 •15			•18 T	т			т	•11 •26 •12		.06	. 70 T	т					.49	•60	. 04	
APPENSOURG CENT T COL APPENTON 1 N APSAN NO 1 APSAN NO 2 ASOLA	4.87	1.10	1.70 .23 2.15 1.80	-10		T •09 •60	1.12 .08 .10 .46	.06	1.18 .10 1.15 1.23 .45	т		.49	•77 9 1 • 04 •21 •11			.57	.07	. 37		• 31 • 30 • 13 • 24	.01			.12	.05			. 44	•07 •32	.06	•01	
AVERLY AVRESVILLE ? W FOSTER CAOVES EINGARTEN EST PLAINS	7.21 4.55 4.70 3.17	.52	.85 .89 .59			•62 •11	1.86 .74 .09	.25 .02 .90	.86 .28 .74			•3	4 1.05 5 .69 T		•05		.06	.26		.19	1.22			.27	T • 01		.09	• 36 • 25 T	.18 .45	•03	.35	
ILLIAMSVILLE ILLOW SPRINGS INDSOR 3 NW NLMA 5 E	3.09 1.53 5.86 4.10		.25 1.35	•16			.06 .35		.27 1.50				.60 T	•14						.13	3 1.49 2 .73 3 .14 .17							•17	.57		.03	

## DAILY TEMPERATURES

ALBANY  MAX  BAX  BAX  BAX  BAX  BAX  BAX  BAX	01 101 95 98 97 70 67 69 70 67 69 70 67 69 70 67 67 69 69 70 67 67 69 69 70 67 69 69 70 67 69 69 70 67 69 69 70 67 69 69 70 70 70 67 69 69 70 70 67 69 69 70 70 70 67 69 69 70 70 70 70 70 70 70 70 70 70 70 70 70	7 83 527 7 57 68 65 5 82 886 7 58 66 5 65 65 5 82 86 65 6 65 65 6 85 97 0 60 65 6 86 85 97 66 6 88 87 7 7 57 65 6 66 6 88 87 7 57 65 6 66 6 88 87 7 7 57 65 6 66 88 87 7 7 57 65 6 6 88 87 7 7 57 66 6 88 87 7 7 57 66 6 88 87 7 7 57 66 6 88 87 7 7 57 66 6 88 87 7 7 57 66 6 88 87 7 7 57 66 6 88 87 7 7 57 66 6 88 87 7 7 57 66 6 88 87 7 7 57 66 6 88 87 7 7 57 66 6 88 87 7 7 57 66 6 88 87 7 7 57 66 6 88 87 7 7 57 66 6 88 87 7 7 57 66 6 88 87 7 7 57 66 6 88 87 7 7 57 66 6 88 87 7 7 57 66 6 88 87 7 7 57 66
MAIN 60 69 60 73 75 72 60 63 66 65 64 65 64 65 77 73 70 71 70 71 70 70 70 70 70 70 70 70 70 70 70 70 70	70 69 69 70 66 90 87 95 94 83 67 69 69 65 66 90 90 90 98 97 83 68 68 70 70 66 90 103 103 103 103 97 73 73 68 76 98 99 95 100 92 92 85 93 93 86 67 68 67 68 66 99 101 97 95 83 68 68 67 68 66 00 103 98 105 96 74 77 77 68 66 00 103 98 105 96 74 77 77 68 66 00 103 98 105 96 74 77 77 68 66 00 103 98 105 96 74 77 77 68 66 00 103 98 105 96 74 77 77 68 66 00 103 98 105 96 74 77 77 68 66 00 103 98 105 96 74 77 77 68 66 00 103 98 105 97 74 77 77 68 66 00 103 98 105 97 75 77 76 68 67	7 83 92 7 57 68 8 8 6 6 6 8 5 97 0 60 60 60 60 60 60 60 60 60 60 60 60 6
ALBANY  MIN	90 E7 95 94 81 67 69 69 65 66 90 90 98 97 81 68 68 68 70 70 66 67 64 66 67 68	3 82 82 88 6 55 5 82 88 85 77 59 66 6 88 977 55 66 6 6 6 8 6 8 977 55 66 6 6 8 6 8 977 55 82 877 59 66 6 8 8 977 55 82 877 59 66 6 8 8 977 55 82 877 59 66 6 8 8 977 55 82 877 59 66 6 8 8 977 55 82 877 59 66 6 8 8 977 55 82 877 59 66 6 8 8 977 55 82 877 59 66 6 8 8 977 55 82 877 59 66 6 8 8 977 55 82 877 59 66 6 8 8 977 55 82 877 59 66 6 8 8 977 55 82 877 57 82 877
AMOFRSON 1 SW  MAX  ABA  BO  BO  BO  BO  BO  BO  BO  BO  B	90 90 98 97 86 86 86 870 70 70 67 86 86 87 87 87 87 87 87 87 87 87 87 87 87 87	5 82 86 66 85 97 0 96 46 68 85 97 57 57 56 66 88 87 75 75 75 55 82 87 75 96 66 88 97 75 96 66 88 97 75 97 66 68 88 97 97 97 97 97 97 97 97 97 97 97 97 97
AMPLETON CITY  MAX  80  80  80  100  100  100  100  100	00 103 103 103 93 94 95 100 103 97 97 97 98 101 97 97 97 98 101 97 97 97 97 97 97 97 97 97 97 97 97 97	9 90 90 85 91 90 90 85 91 90 90 90 90 90 90 90 90 90 90 90 90 90
APPLETON CITY  MAX  06  07  107  108  108  108  108  108  108	02 104 102 103 99 972 75 104 69 77	6 85 97 96 97 97 98 97 97 98 97 97 98 97 97 98 97 97 98 97 97 98 97 97 98 97 97 98 98 97 97 98 98 98 98 98 98 98 98 98 98 98 98 98
ARCADIA  MAX  BO  BO  BO  BO  BO  BO  BO  BO  BO  B	98 99 95 100 92 65 69 72 70 61 92 85 93 93 8 67 68 66 68 68 68 68 68 68 68 68 68 68 68	3 90 93 93 8 55 61 1 79 86 4 56 66 88 97 75 7 57 65 58 2 81 77 7 59 66 58 68 4 80 85 85 84 80 85 85 84 80 85 85 85 85 85 85 85 85 85 85 85 85 85
BETHANY  MAX  MIN  MAX  MAX  MAX  MAX  MAX  MAX  MAX  MA	92 85 93 93 86 67 68 68 67 68 67 68 67 68 67 68 67 68 67 68 68 68 68 68 68 68 68 68 68 68 68 68	1 79 86 4 56 66 8 84 94 7 57 65 0 80 92 5 54 64 6 88 97 9 59 70 7 59 66 0 81 91 6 58 68 4 80 88
BILIVAR  BILIVAR  BILIVAR  BOUNVILLE NATER NORKS  MAX  BOS  BOS  BOS  BOS  BOS  BOS  BOS  BO	68 68 67 68 68 70 72 74 68 68 70 72 74 68 68 70 72 74 68 68 70 72 74 70 68 68 70 72 74 70 68 68 70 72 74 70 68 68 70 72 74 70 68 68 70 72 74 70 68 68 70 72 74 70 68 68 70 72 74 70 68 68 70 72 74 70 68 68 70 72 74 70 68 68 70 72 75 74 69 76	8 84 94 7 57 65 0 80 92 5 54 64 6 88 97 7 59 66 0 81 91 6 58 66 4 80 89
BUTLER  MAX  MAX  MAX  MAX  MAX  MAX  MAX  MA	95 99 9: 101 99 67 66 67 65 69 69 69 69 69 69 69 69 69 69 69 69 69	0 80 92 5 54 64 6 88 97 7 59 66 0 81 91 6 58 66 4 80 89
SOLIVAR  MAX  93 90 101  102 104 95 97 94 91  100 92 99  101 102 102 105 103 105 103 94 80 95 95 95 94 94 91  177 70 99 11  178 78 70 70 65 70 77 72 73 72  178 78 70 65 70 87 92  179 69 64 66 65 66 63 61 61 66 71  177 69 70 66 66 66 67 69 74 77  178 78 70 65 70  179 69 64 66 65 66 63 61 61 66 71  179 69 64 66 65 66 63 61 61 66 71  179 69 64 66 65 66 63 61 61 66 71  179 69 64 66 65 66 63 61 61 66 71  179 69 70 66 66 66 67 69 74 77  179 69 70 66 66 67 69 74 77  170 70 70 70 70  180 71 71 72  180 71 72 72 73 73 73 73 73 73 69 66 64 62 65 66 63 61 61 66 71  179 69 70 66 66 67 69 74 74  170 70 70 70 70 70 70 70 70 70 70 70 70 7	74 77 77 68 64 92 93 94 94 92 93 94 94 92 93 94 96 97 97 97 97 97 97 97 97 97 97 97 97 97	6 88 97 9 59 70 5 82 87 7 59 66 0 81 91 6 58 68
SOONVILLE WATER WORKS  MAX  95  79  87  87  87  87  87  89  88  89  80  80  80  80  80  80  80	92 93 94 94 97 97 97 98 98 99 99 99 99 99 99 99 99 99 99 99	5 82 87 7 59 68 0 81 91 6 58 68 4 80 89
ROOKFIELO  MAX MIN 64 67 69 78 73 69 66 64 62 65 62 60 62 67 72 72 68 75 61 67 68 72 74 72 74 68  BRUNSHICK  MAX MIN 65 67 66 75 74 65 67 67 64 65 62 60 62 67 72 72 68 75 61 67 68 72 74 72 74 68  BRUNSHICK  MAX MIN 65 67 66 75 74 65 67 67 64 65 63 89 88 89 73 72 69 68 68 88 92 90 93 95 92  BUTLER  MAX MIN 67 62 67 77 182 71 70 70 62 67 69 65 65 71 75 77 75 77 73 73 72 71 73 72  BUTLER  MAX BY MIN 67 62 67 77 182 71 70 70 62 67 69 65 65 71 75 77 75 77 73 68 77 73 68 77 73 73 72 71 73 72  BUTLER  MAX BY MIN 67 62 67 77 182 71 70 70 62 67 69 65 65 71 75 77 67 79 73 68 79 94 91 91 91 94 95 98  MIN 67 62 67 77 182 71 70 70 62 67 65 64 65 70 74 77 75 76 79 73 68 70 73 72 71 73 72  BUTLER CAA AP  MAX BY MIN 64 61 66 69 74 71 69 66 60 67 65 64 65 70 74 77 75 69 67 67 68 71 72 71 72 72  CAMOENTON  MAX MIN 68 68 68 68 72 87 96 93 84 89 83 95 89 73 89 98 100 102 102 103 103 103 103 103 104 104 101 89 93 97 95 97 98 101  CAPE GIRARDEAU MO ST  MAX MIN 68 68 68 68 72 81 70 68 68 68 68 72 81 70 68 68 68 68 72 81 70 68 68 68 68 68 68 68 68 68 68 68 68 68	94 98 100 99 99 99 99 99 99 99 99 99 99 99 99 9	0 81 91 6 58 68 4 80 89
RUTLER CAA AP  MAX 87 91 102 102 108 91 101 81 93 77 90 94 76 94 97 101 102 102 102 102 85 87 94 92 91 94 95 98 91 101 102 103 103 102 94 97 97 101 102 103 102 102 77 77 75 76 79 79 79 88 99 10 102 98 91 102 103 102 98 91 91 94 72 72 72 72 72 72 72 72 73 73 73 74 95 96 96 96 96 96 96 96 96 96 96 96 96 96	92 93 95 96 84 73 72 74 70 61 98 100 103 99 91 72 75 74 69 76	
SUTLER CAA AP  MAX 87 91 102 102 103 102 98 91 70 70 70 62 67 69 65 65 71 75 77 76 79 73 68 70 73 72 71 73 72  AMAX 87 91 102 101 81 102 101 81 103 102 101 81 103 103 103 103 102 102 102 85 87 94 91 91 94 95 88 91 95 97 97 97 98 101  AMAX 95 90 102 103 102 94 92 85 89 94 91 90 91 103 103 103 102 104 104 101 89 93 97 95 97 98 101  CAPE GIRAROEAU MO ST  MAX MIN 68 68 68 72 81 70 68 68 66 66 66 67 67 10 64 67 10 72 72 70 75 77 76 79 77 78 78 78 78 78 78 78 78 78 78 78 78	98 100 103 99 91 72 75 74 69 76	
BUTLER CAA AP  MAX MIN 64 61 66 69 74 71 69 66 60 67 65 64 65 70 74 75 69 67 67 68 71 72 71 72 72  CAMOENTON  MAX MAX MAX MAX MAX MAX MAX MAX MAX MAX		
AMDENTON  MAX MIN 60 59 64 70 75 65 63 65 58 89 94 91 90 91 103 103 103 102 104 104 101 89 93 97 95 97 98 101 101 102 103 107 105 102 103 103 103 103 103 103 103 103 103 103	72 74 73 67 60	9 84 93
AATON L ANO 0 20  MAX MIN  MAX 94 89 95 97 96 93 84 89 83 95 89 73 89 98 100 100 96 100 96 89 89 96 95 96 97 101  CAPLINGER MILLS  MAX 94 91 101 102 103 97 96 94 98 100 92 99 99 102 103 102 105 103 97 88 95 96 98 96 97 100  CARROLLTON  MAX 89 92 96 105 98 83 82 79 91 89 79 75 83 95 99 11 91 97 74 86 88 93 93 93 55 97 72 72 72  CARTHAGE  MAX 94 90 101 101 101 98 103 99 91 100 98 100 101 103 102 103 104 102 97 92 100 97 95 97 97 100  CARTHAGE  MAX 94 90 101 101 101 98 103 99 91 100 98 100 101 103 102 103 104 102 97 92 100 97 95 97 97 100  CARTHAGE  MAX 94 90 101 101 101 98 103 99 91 100 98 100 101 103 102 103 104 102 97 92 100 97 95 97 97 100  CARTHAGE  MAX 94 90 101 101 101 98 103 99 91 100 98 100 101 103 102 103 104 102 97 92 100 97 95 97 97 100  CARTHAGE  MAX 94 90 101 101 101 98 103 99 91 100 98 100 101 103 102 103 104 102 97 92 100 97 95 97 97 100  CARTHAGE  MAX 94 90 101 101 101 98 103 99 91 100 98 100 101 103 102 103 104 102 97 92 100 97 95 97 97 100  CARTHAGE  MAX 94 90 101 101 101 98 103 99 91 100 98 100 101 103 102 103 104 100 97 95 97 97 100  CARTHAGE  MAX 94 90 101 101 101 98 103 99 91 100 98 100 101 103 102 103 104 100 97 95 97 97 97 100  CARTHAGE  MAX 90 90 96 99 99 91 87 90 87 96 92 76 92 101 104 105 102 102 99 86 93 98 96 96 97 102  CHARLESTON  MAX 90 90 94 99 99 18 87 90 87 96 92 76 92 101 104 105 102 102 99 86 93 98 96 96 97 102  CHILLICOTHE RAOID KCH1  MAX 90 90 94 100 99 78 79 79 78 78 78 78 78 77 80 72 70 70 72 73 73 72 75 74  CHILLICOTHE RAOID KCH1  MAX 90 90 94 100 99 78 79 79 78 78 78 78 77 80 72 77 78 78 97 97 97 98 101  CLEARMATER 0AM  MAX 94 89 92 103 103 98 86 85 87 95 93 82 96 104 105 105 105 105 104 85 91 97 97 97 97 98 101	01 104 101 103 10	0 88 96
APE GIRAROEAU MO ST  MAX  94  89  95  97  96  93  84  89  83  95  89  73  89  98  100  100  96  100  74  75  76  75  69  70  72  72  70  75  74  75  76  76  77  78  79  78  79  79  79  79  79  79		
APLINGER MILLS  MAX  MAX  MAX  MAX  MAX  MAX  MAX  MA	01 101 101 100 94 74 73 73 71 69	
ARROLLTON  MAX  MAX  MAX  MAX  MAX  MAX  MAX  MA	00 104 101 103 94	4 87 98
ARTHAGE  MAX 94 90 101 101 101 98 103 99 91 100 98 100 101 101 103 102 103 104 102 97 92 100 97 95 97 97 100 MIN 72 64 72 76 81 72 73 69 60 65 67 71 69 76 77 79 78 79 73 58 70 74 75 72 73 73  ARUTHERSVILLE  MAX 91 85 95 100 98 94 87 91 89 96 49 89 49 51 01 103 104 100 101 100 95 90 94 94 94 97 100 MIN 74 69 69 70 77 73 73 72 86 63 70 68 68 73 74 78 79 76 76 88 70 74 73 73 75 75 74  MARLESTON  MAX 90 90 96 99 99 91 87 90 87 96 92 76 92 101 104 105 102 102 99 86 93 98 96 96 97 102  MIN 69 71 70 71 78 72 68 68 65 63 65 63 60 72 76 78 77 80 72 70 70 72 73 72 75 74  HILLICOTHE RAOIO KCH1  MAX 90 90 94 100 99 78 79 79 87 87 85 67 76 93 95 93 85 94 77 83 84 89 90 91 93 91  MAX 90 90 94 100 99 78 79 79 87 87 85 67 76 93 95 93 85 94 77 83 84 89 90 91 93 91  LEARWATER DAM  MAX 94 89 92 103 103 98 86 85 87 95 93 82 96 104 105 105 105 105 104 85 91 97 97 97 98 101	93 91 99 100 89	5 80 89
CHARLESTON  MAX 91 85 95 100 98 94 87 91 89 96 94 84 95 101 103 104 100 101 100 95 90 94 94 94 97 100 101 100 95 90 94 94 94 97 100 101 100 95 90 94 94 94 97 100 101 100 95 90 94 94 94 97 100 101 100 95 90 94 94 94 97 100 101 100 95 90 94 94 94 97 100 101 100 95 90 94 94 94 97 100 101 100 95 90 94 94 94 97 100 101 100 95 90 94 94 94 97 100 101 100 95 90 94 94 94 97 100 101 100 95 90 94 94 94 97 100 101 100 95 90 97 100	00 104 106 104 94 73 77 77 68 7	9 90 99
HARLESTON MAX 90 90 96 99 99 91 87 90 87 96 92 76 92 101 104 105 102 102 99 86 93 98 96 96 97 102 75 74 78 72 68 68 65 63 65 63 65 72 76 78 77 80 72 70 70 72 73 72 75 74 78 72 68 68 65 63 65 63 65 63 60 72 76 78 77 80 72 70 70 70 72 73 72 75 74 78 72 68 68 65 63 65 63 60 72 76 78 77 80 72 70 70 70 72 73 72 75 74 75 74 75 75 75 75 75 75 75 75 75 75 75 75 75		
HILLICOTHE RADIO KCH1 MAX 90 90 94 100 99 78 79 79 87 87 85 67 76 93 95 93 85 94 77 83 84 89 90 91 93 91 87 85 87 86 88 90 91 93 91 93 91 93 91 93 91 93 91 93 91 93 91 93 91 93 91 93 91 93 93 91 93	1	2 86 95
LEARWATER OAM MAX 94 89 92 103 103 98 86 85 87 95 93 82 96 104 105 105 105 105 104 85 91 97 97 97 98 101		3 79 87
	01 103 95 99 9	
ELINTON 1 NNW MAX 96 85 99 99 96 88 93 77 85 95 99 99 100 100 101 78 88 93 94 93 95 96	96 98 102 98 103 69 72 70 65 6	2 89 94
COLUMBIA W8 AP MAX 82 91 95 101 94 74 83 77 88 91 70 75 91 98 98 95 96 101 77 87 90 93 93 94 94 95	95 97 97 100 89 74 73 77 68 64	5 79 89
ONCEPTION MAX 90 90 94 100 100 75 75 80 85 89 89 70 72 88 95 93 90 91 78 83 84 91 89 90 93 97 67 70 68 71 67	97 89 94 93 89	5 90 87
RYSTAL CITY 1 N MAX 95 91 96 103 100 84 85 81 91 95 69 86 100 104 101 98 105 98 83 89 96 96 98 97 95	95 98 98 99 96 68 69 71 68 69	0 80 93
ONIPHAN MAX 88 93 102 104 104 90 95 95 99 104 94 89 103 106 108 109 108 107 105 89 94 98 98 97 100 102	02 105 101 104 9 68 70 65 67 6	7 87, 99
OGERTON MAX 89 90 99 101 98 80 81 80 88 88 78 77 77 94 96 95 93 94 81 85 88 93 92 93 95 92	92 94 99 97 86 68 62 69 68 69	6 82 89
LOON MAX 94 88 97 99 96 92 86 82 87 91 88 80 89 99 99 97 100 92 88 91 96 92 95 95	95 98 94 101 9 73 72 73 70 6	2 81 92
ELSAERRY MAX 98 83 91 89 99 95 84 83 75 90 85 68 63 85 95 98 85 90 101 81 85 88 95 94 95 96	96 91 90 94 9° 70 70 73 72 61	7 83 88
ARMINGTON MAX 88 89 97 101 100 78 85 82 88 95 86 74 93 99 103 103 100 105 97 84 92 97 97 96 99 98	98 103 98 100 89 68 66 68 69 63	9 81 93
FARMINGTON CAA AP MAX 84 88 96 100 99 75 83 82 86 94 80 72 91 98 102 102 99 105 95 84 90 93 95 95 97 99	99 102 95 99 86 70 66 68 63 63	6 78 91
AYETTE MAX 91 90 92 101 94 87 83 80 88 88 83 75 89 95 97 92 93 98 82 85 87 92 90 92 93 91	91 92 94 98 8° 71 70 72 70 61	7 87 89
FOUNTAIN GROVE WILDLIFE MAX 90 91 93 101 99 80 83 82 88 87 84 69 79 92 97 94 88 93 75 84 88 89 89 91 93 90	90 88 97 95 96 67 66 66 68 6	0 80 88
FULTON 4 SM MAX 99 89 90 102 96 98 76 84 75 89 92 71 72 94 100 101 99 98 102 77 88 95 98 92 97 97	97 98 101 96 103 72 71 73 71 69	3 86 92
GRANT CITY MAX 88 93 93 102 98 73 74 80 86 88 75 71 73 88 93 89 85 84 79 87 83 90 89 88 92 85 MIN 63 64 61 75 68 65 64 65 62 63 61 60 62 66 69 70 67 63 65 67 66 70 68 71 66	85 88 93 92 83	1 79 85

Table 5 Continued									D	AI	LY	T	LN	121			UH														AUC		1954
Station															1	Day	Oí	Mon	th									1					erage
		1	2	3	4	5	6	7	8	9	10	11	12	_	14	15	16	17	18	19		21		23	24	25	26	27	28	29		31	A
MERNYILLE & NAM	MAX	67	69	98 62	102	71	72	69	86 69	61	95 58	90 63	62	93 65	62	67	105	68	69	70		69	96 68	99 67	96	99 73	101	73	99 78	66	95 67	85 55	95 • 6 66 • 8
HAM LTON	MAX	87 64	90 64	97 63	101 79	92 73	77 68	80 63	80 66	88 62	89 62	84 62	69	75 62	93 66	95 71	90 70	89 66	92 66	75 63	84 63	85 65	90 <b>66</b>	91 70	93	93 72	90 72	89 68	97 72	97 70	83 65	80 56	87.6 66.4
MANNIBAL WATER WORKS	MAX MIN	78 65	90 67	85 64	102 66	88 68	79 65	79 63	71 64	89 63	82 65	68 59	65 58	77 59	92 69	95 69	82 72	85 67	94 66	80 65		85	93 69	92 75	93 72	94 75	84 68	83	93 71	91 72	80 63	77	84.8
MARRISONVILLE	MAX MIN	93	91 61	101	102 73	96 75	88 70	88 66	81 61	89	92 67	85 68	84 63	90 64	99 71	102 75	98 76	101 75	100 75	78 66	88 67	92 68	89 72	91 72	94 70	94 72	96 72	100	100	101 71	89 69	83	92 • 7 68 • 7
HERM TAGE	MAX	96 63	92		103	103	94	95 61	93 66	91	98 55	95 60	99	100	103	104		106		100		94	93 63	95 69	95 62		102		100		97 61	89	98.2 62.1
HOLSTON	MAX																																
JACKSON	MAX	95 67	91 68	96 65	100	97 76	80 69	88 68	90 69	89 63	96 63	93 63	77 62	93 64	100	103 73	104 73	101 75	102	100	90 69	93 70	98 71	95 72	98 69	97 74	100	102	95 70	102	98 68	85 56	95.1 69.1
JEFF CITY RADIO KNOS	MAX	91 65	89 66	94 65	100	94 76	85 69	84 67	80 70	88	91 63	84 64	78 60	92 65	99 71	99 75	97 73	98 73	102	93 68	86 67	91 69	95 72	92 74	97 70	96 74	97 70	101	95 72	101	90 68	81	92 • 3 68 • 9
JOPLIN CAA AP	MAX MIN	88	89 65	99	100	101	85 71	101 73	81 67	89	99 69	97 73	99 73	101 73		100	101	104	101	94 74	91 72	99	96 76	93 77	96 74	96 74	99 76	103 79	105	102	96 74	87 65	96 • 6 73 • 7
RANSAS CITY H8 AP	MAX	84	89	102	103	97 74	76	80 68	79 68	90	89 68	77 64	80 66	82 66	99 76	103	98 77	100	96 68	81 69	86 69	91 71	93 77	94 77	95 77	97 79	95 77	101	103		87 70	82	91.3 71.6
KANSAS CITY UNI OF K C	MAX	92	90	101	101	98 74	88	81 65	80 66	89	89 63	85 64	82 63	85 64	99 69	102	96 73	98 73	99	81 66	87 64	91	91 72	92 73	94	96 69	94 75	100	103	101	88 70	83	92 • 1 68 • 3
CENNETT RADIO KBOA	MAX	92	88	96 68	99	99 74	95 73	90 71	94		100	98	85 66		102		106				88 67	90	94 72	93 73	93	96 75	99		101	99	96 70	90	96.3 70.5
KIRKSVILLE RADIO KIRX	MAX	84	91	88	101	96 68	78	80	77	88	85 61	79 59	67	75 59	88	94	88 70	83	89	78 62	84	84	89 68	89 73	90	92 73	87 64	84	92	91 73	78	77	85 · 4 64 • 0
KIRKSVILLE CAA AP	MAX	80	91 63	88	101	85 69	79 67	79 65	76 62	87	84	66	68	74 60	88	93	81 69	85 65	88	79 63	86 66	86 64	90 69	87 72	91	91 72	83	84	92	91 72	79 61	77	84 • 2
KOSHKONONG	MAX	89 65	88	98	1	97 74	97 73	92 69	92 7 <b>0</b>	88	98 65	98 68	85 67		101		102			101	86 66	86	94 69	94 71	93	94	95 71	98 73	98 74	95 71	95 70	87	94 . 8
LAKESIDE	MAX	98	85	89		101	98	78 68	86 68	77	89	92	78 63	82		101	101 70		101	102	84	88	92 69	96 68	95	96 67	98	96 69	102		100	90	92.9
_AMAR	MAX	98	86		101	103	103	85 72		83	93	101	90				103		103	103	82 67	88	96 73	96 75	94 73	94	96 74	99 76	102	103	102	93	96.7
LATHROP 3 SW	MAX	85 62	91	98	101	95 65	80	85 65	82 62	87 59	88	77	75	78 60	95	95	92	93	85	81	85 62	85	89 67	89 67	93	95 70	91	92	99	97	84	84	88+6 65+1
LEBANON 1 ENE	MAX MIN	94		101	101		82	91 68	86	90	96 64	87 67	95 62	-		102		104		96 67	87 65	91	92 72	90	93	94		100		102	93	86	94.9 68.7
LEXINGTON	MAX	96	83	90	101	103	95	74 66	82	78 65	89	90	72	80	82	95 73	100		100	96 66	81 67	88	91	92	92 74	95 75	95 76	96		101		86	90.9
LICKING 4 N	MAX	95 65	80	86	97	98 75	99	83	89 70	85 62	86 66	94	86	80 63		101	101			100	93	87	90 70	91	91	92	94	97	100		101	90	92.9
F0Cx A000	MAX	95			103	105	1	104	99	94	102			103		104	105 78	107	103 78		95 68	98	100 73	97 75		100	102		97 78	105	98	88	100.0
LOUISIANA STARKS NUR	MAX	84	91	91	102	93 72	85	84	81	91	86 68	77	66	81	96 69	99	84 76	90	98	83	86 69	88	93 70	92 75	98 71	96 72	89	89	96 75	98	88	81	88.9
MACON.	MAX	98	78 66	89	90	100	97 68	76 64	80	76 62	87 64	95 61	67 58	66 59	91 60	91	95	91 66	88	92	77 65	83	95 67	90 74	90	91 71	92	88	88	94	94	80	87 • 4 65 • 3
MALDEN CAA AP	MAX	83	90	98	101	102	80	87 71	93	87	99	86 68	79 66		103		106			99	86 69	89	95 72	94 72	94 72		102		99 75	98	91 67	80	94.5
MARBLE HILL	MAX	93	91	96	98	98	78	86 68	87 67	88	95	94	77		101		102		102	100	91 68	91	95	96 67	98	97	101			100	97	86 56	94.4
MARSHALL	MAX		01	01		,,,	, 1	00	01		79	01	02	03	05	,,		00	,,	12	00	09	00	0,	0,0	,,	,,	00		0,	00		00.2
MARSHF1ELD	MAX		88			98 76			92 67		97						101				89 62	94		90 69	93		97 72			99			95.7 68.7
MARYVILLE	MAX	85	91 64	93	100	96	74 65	72 62	80 64	56 86 62	86 64	69 82 60	71	71 63	89 67	92 70	88 72	87	84 66	78		82	89 65	89 69	88	93	87 66		94	92	83	81 58	85.6 66.0
4EMPHIS	MAX MIN	89			90	93		87 66	79 64		91 64		65	64		85 69	96	90	80	90	79	85	05	91 65	91	92 72	94	87	82	90	90	81	84.8
⊌€x1co	MAX	96	82	92	95	103	89	77	86 66	75	90	90	68	68	90	97	100	90		99	81	87 66	92 68	96 74	94	95 75	96 71	94	96	97 73	98	84	90.0
MOBERLY RADIO KNCH	MAX	87		92	101	75 95	76	84	80			62 82		85		97	88	91	95	79	84	86	93	90 70	91	90	90	88 70	94	95		77 56	87.8
MONETY	MAX	03	00	04	13	73	80	00	05	62	64	62	59	02	68	0.9	1	00	68	05	66	07	71	70	70	70	,0	70	,,,	12	01	20	0019
MOUNTAIN GROVE 2 N	MAX	92	88	97	97	98	93	88	87	89	99	96	86	98	101	102	102	104	102	97	86	91	93	92 70			97				97 69		95 • 2 69 • 3
MOUNT VERNON 3 SW	MAX	92		99	99	102	95	102	96	91	100	98	100	100	103	102	104	104	102	96	65 89 68	98	99		98	97		103	106	104		89	98.4
NEOSHO	MAX	86	90	99	99	100	96	103	102	90	98	99	98	99	101	100	100	103	100	98	89	97	98	95	95	95	100	102	101	102	95	93	97.5
NEVAOA	MIN	94		102	103	104	100	102	97	93	101	94	100	100		104	105	105		98		98	98		97	98	103	104	103	105	100	90	
NEW FLORENCE	MAX				100	95	80		80	90	91	71 84			74 97	97	95	93	78 98	92		90	95	95	96	97	73 96	95	90	97	88	79	71.7
OREGON	MIN	64		54	71		66	65		59	63		57	62		71	75	68	78 85	66		68	71		72	74	73 90		1		67 82		67.5 86.1
	MIN		63			74		61	64	64	66	60		64	62	72	70	68	65	64	63			69			70				68		

Table 5 - Continued									D	ΑI	LY	T	ΕM	1PI	ER	AT	UR	ES	5												35	us	1954
Station																Day	Of	Mon	th														rage
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	-		23	24	25	26	27	28		- 1	31	Ave
OZARK BEACH	MAX	70	86 69	97 68	101 69	101 76	73	92 76	99 73	72	94 65	103	70	69	103 58	66	80	68	68	73	66	70	98 72	68	68	69	67	67		105 1			69.7
PERRYVILLE	MAX	95 66	90 69	99 70	102 78	100 75	78 70	83 67	87 66	87 63	95 65	90 62	72 60	87 62	67	103 78	79	99 75	78	72	85 68	90	96 70	97 72	70	100 59	97 77	70	95 71			56	69.4
POPLAR BLUFF	MAX	95 76	89 69	92 63	99 69	101 77	100 72	83 70	88 68	95 65	89 60	1 <b>0</b> 0 65	91 66	83 65	98 65	103	106 70	107	103 75	102 72	98 70	85 68	90 70	96 69	96 69	95 72	98 70	102 70	102			60	96.8
PORTAGEVILLE	MAX	91 72	86 70	93 69	97 69	97 75	95 73	87 72	92 71	89 65	98 63	93 67	84 67	97 68	100 73	102 78	104 78	100 77	100 75	99 75	87 70	90 70	93 74	94 73	94 72	95 76	98 <b>7</b> 5	99 73	98 71	99 73		60	94.6
PRINCETON	MAX	90 66	98 64	97 61	104 72	102 71	76 64	77 66	81 67	91	89 63	86 62	71 60	70 62	87 67	96 67	88 71	88 67	90 68	86 63	86 62	87 68	90 67	90 71	89 70	94 74	92 68	88 69	94 69	95 71		55	88.2 66.1
ROLLA SCHOOL OF MINES	MAX	96 64	82 65	89 70	97 75	100	99 69	77 66	86 70	78 70	88 68	91 65	79 62	81 64	89 68	99 76	100 76	99 75	97 80	102 69	85 69	85 68	89 71	94 75	92 72	96 79	95 80	96 8¢	100	101 :		89 59	97.0 71.4
SAINT CHARLES	MAX	88 66	92 69	92 70	104 74	95 75	85 70	84 69	79 67	91 63	90 67	81 63	67 60	91 62	100 72	102	94 77	94 72	102 78	93 64	87 69	89	95 67	95 74	96 72	100	94 75	96 72	92 72	100			91.6 69.6
SAINT JOSEPH WB AP	MAX	85 65	88 66	98 70	100	87 70	71 65	78 66	80 67	87 65	87 67	74 64	72 65	74 65	93 70	97 73	90 73	93 70	87 67	80	85 65	87	92 71	90 73	90 72	93 76	90 72	94	96 74	96 73		83	87 69.1
SAINT LOUIS WE AP	MAX	85 65	89 69	93 70	102 73	93 74	85 70	84 67	76 66	89 63	88 68	70 61	66	91 62	99 76	101	93 80	95 72	103	85 69	87 69	90	97 72	96 75	95 75	97 77	94 76	96 73	90 74	99 74	83 65	80	90.0
SAINT LOUIS WE CITY	MAX	84	88 69	91 74	101	92 75	84	80 67	77 66	87 66	86 70	72 62	65	85 62	99 74	100	92 81	92 74	100	84 72	83 71	85	94 73	96 77	95 78	97 79	93 79	94	92 76	97 77	81	78 61	88.5 71.5
SAINT LOUIS UNIVERSITY	MAX	90	89	92 72	102 72	96 74	83	81 65	79 65	88 65	88	82 62	65	89	99 75		96 80	93 74	102	95 72	83	87	95 72	95 77	95 77	98 79	94 79	94	94 76	98 78	90 73	80	90.7
SAINT LOUIS WASH UNI	MAX	98	85 68	91		103	96 68	84 66	84 67	80	90	90	69	66		100	101	94	95 76	104	87	85	90	97	97		100	94	96 75	95 75		85	91.6
SALEM	MAX	97	80	87	95	97	100	78	85	80	85	90	81	79	89	98	100	98	95 70	101	87	82	87 68	92	92	91	94	94	97	90	99	88	90.6
SAL ISBURY	MIN	87	92	96	103	75 93	70	86	80	90	91	62 78	68	83	95	67 98	86	93	96	65 78	86	90	93	91	94	70 94	93	91	96	98	85	80	89.3
SAVERTON L AND 0 22	MIN	65	67	63	75	78	67	66	66	62	64	63	60	63	67	70	71	67	71	65	61	68	72	72	70	73	71	71	72	73	66	56	67.6
SEDAL1A	MIN	95	89	99	100	99	92	83	88	87	89	88	80	89	98	99		100		96	87	90	93	94	94	95	95	95		100	97	83	93.2
SEL 1GMAN	MIN	89	64 85	66 95	75 94	79 94	68 91	65 99	65 94	62 85	65 94	66 99	62 96	64 98	70 99	76 98	74	74	78	98	67 87	96	73 95	74 91	72 95	74 98	73 98	72 101	77	70 99	68 94	58	95.3
SEYMOUR 4 NNE	MIN	65	62 89	68	74	71 100	74	70 89	65 94	60	65 99	68 89	68 98	74	74 102	77	70	76 104	76	70	67 89	66	66 94	71	71	71 95	70	75	68	68	69 94	61	69.4 96.0
SHELB1NA	MIN	55	89	57 92	70	69	68 79	60	82	55	5 6 8 5	83	66	80	92	95	66	68	70	90	60	62 85	68	70	68	70	71	75	73	93	68	79	87.3
SIKESTON	MIN	65	66	63	68	72.	69	66	64	59	62	62	59	61	69	70	71	70	67	65	62	65	71	72 96	70	73	69	70	72	72	65	55	66.6
	MIN	72	67	69	71	75	71	69	68	64	65	66	65	65	66	73	75	76	77	79	71	77	73	73	79	77	81	75	75	72	73	58	71.5
SIKESTON CROP EXP FARM	MAX	90 66	88 69	93 68	96 69	96 74	71	83 68	90 67	64	92 63	91 65	76 64	91 65	72	70	73	98 76	98 76	95 73	85 70	69	94 72	93 71	95 70	74	100 72	98 72	98 73	98 71	91 69	58	92.4
SPRINGFIELD W8 AP	MAX	81 65	88 65	98 66	97 71	100 75	73	95 71	78 65	61	98 66	90 70	97 68	99 68	100 69	78	72	102 74	75	93 68	90 66	70	94 72	89 71	92 69	95 69	99 71	73	70	69	91 67	59	94.1
STEFFENVILLE	MAX	85 64	90 66	88 63	101 68	95 70	83 68	81 65	78' 64	87 62	8 4 65	80 60	67 59	79 60	90 69	94 70	90 71	86 66	91 70	80 65	83 66	63	91 69	90 73	90 72	91 74	88 68	84 69	92 69	91 73	83 63	76	86 • 2 66 • 4
SWEET SPRINGS	MAX	94 64	92 63	100 65	102 76	97 73	86 68	84 65	80 68	90 60	91 61	84 61	80 61	86 63	98 67	100 71	98 74	69 99	101 72	75 66	85 65	63	94 71	93 72	95 68	96 72	96 69	98 70	100	101 68	86 68	80 56	91.9 67.1
TARK10	MAX	86 65	92 65	93 63	101 72	9 <u>4</u> 71	75 64	72 63	80 63	87 63	85 62	80 61	73 62	73 63	91 67	93 67	91 70	88 69	84 67	76 62	84 61	83 68	89 68	89 69	89 68	92 72	89 68	89 69	95 69	92 73	84 66	82 58	86 • 2 66 • 1
TRENTON	MAX	90 65	93 67	94 66	102 76	99 72	86 68	85 65	82 67	90 64	9 0 66	87 62	78 61	72 63	92 67	94 71	90 73	87 68	91 67	78 65	85 66	85 68	91 68	90 72	92 71	93 71	89 67	87 67	96 71	94 74	89 66	80 59	88.7 67.5
UNION 1 SE	MAX	95 65				101 78	85 67		80 67			83 60	70 58		101 70	104 72	99 70	101 73	106 72	97 67	85 66	90 68	99 71	98 69	101	101 70	99 69	99 67		101			94.0 67.2
UN10NVILLE	MAX	85 63	91 65	92 61	103	95 70	78 67	78 65	77 65	90 63	84 63	79 60	66 59	71 61	87 66	94 68		85 66	86 69	79 63	84 63	85 64	88 67	89 73	89 70	91 73	87 65	82 69		89 72		77 55	85 • 2 65 • 7
VANOALIA	MAX	89 66	90 70			97 74	79 66	85 66	80 66	90	87 61	80 62	65 59	89 61	97 71	99 73	93	90 68		94 66	83 68	88		93 74	96 74	96 76	95 70	90	96 76	97 74	88 68	78 54	89.9
VERSAILLES	MAX M1N	87	88 63	99 65		98 79	89 70	85 60	77 67	87	89 68	82	78 61	92 66		100 75	96		100	96 67	87 66	92	93 70	92 73	92 70	95 73	94 71	97	91 79	97 69	88 67	79 69	91.5
VICHY CAA AP	MAX	81 63	86 65	94	99	94	75 67	83	75 66	85	91 66		76	86 63	99	99	98	96 70	100	83 65	84	89	93	91 73	94 72	94 73	96 73	97 74	92 72	99 65	85 61	79	89.4 67.5
WAPPAPELLD OAM	MAX	97	83		97	102	102	84	85	90	89	99	85	79	94	104	107		100	104	100	84	88	94 71	95	95 73	98		104	94 71	97	93	94.9
WARRENSBURG CENT T COL	MAX	95	91	101	102	98	92	85	82	88	90	83	81	88	99	75	99	99	100	85	89	91	92	92	95	97	97	99	99	100		83	93.1 71.0
WARRENTON 1 N	MIN	96	89		100		72	66 80	70 79	65 89	68 90	88	65	89	95	75	98	76 93	99	95	68	85	92	74 91	74 94	75 96	76 94	92	90	96	93	79	90.2
WARSAW NO 1	MIN	87	92		103	100	66 92	65 93	65 84	61 90	61 94	61 88	86	61 99	71		104	104	103	96	65 91	98	97	70 97			100		109	104	91	86	96.6
WASOLA	MIN	84	62 89	63	68	81 99	72 92	70 95	66 87	60 90	62	67	61	65	67	81		70	72		68	68	70	73 95	68	72	70	70	73	67	66 95	56 86	96.2
WAYNESVILLE 2 W	MIN	63	63	67	68		72	70	67	63	64	67		64	67	71	72	73	72	68	65	68	67	67	70 96	68	72	72	72	66	69	58	94.5
WEBSTEP GROVES	MIN	66	67	61	67	72	71	69	70 78	62	59		63	67	70	76	70	68	69		66	66	73	68	67	69	68	70	70	66	66	55	67.1
WE INGARTEN	MIN	64		69	73	67	64	66	65	61	66	62	58	60	68	73	78	71	75	67	66	66	70	71	70	70		71	72	72	70	56	67.8
	MIN					100							71 58	66	71	79	81	71	83	101 70	66	67	95 67		71		73			71	67		69.3

## DAILY TEMPERATURES

MISSOURI AUGUST 1954

able 5 Continue

Station																Day	Of	Mon	th														age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
EST PLAINS	MAX	80		99		101 77	85 72		86 68		101	91 68							102 71		88 69	93 69	96 68	97 69	95 68	97 71	99	103			95 67		95.9
LL = SPRINGS	MAX	9 <b>2</b> 62	88 65			100 74	86 74		87 68			90 58				103 62					85 66			94 62						101 64	93 60		94.4 65.0
N SOR 3 NN	MAX MIN	94 66		100 67		100	88 69		79 68	88 63		85 65	82 63		100 70		100 75		102 79		88 67	92 69		93 74	95 72		97 73					82 60	93.2 70.1

## DAILY SOIL TEMPERATURES

OEPTH	71145															Day	of mo	onth														rage
OEPIN	I I MC	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Ave

#### CONCEPTION

INCH	6РМ	78	82	85	87	78	73	73	75	79	81	69	70	71	78	95	80	81	79	77	79	79	81	83	81	83	81	79	84	83	80	79	89.5
INCHES	6РМ	78	80	80	86	78	74	73	73	76	78	70	70	70	75	80	77	78	78	74	75	77	79	80	78	80	78	77	83	83	80	77	77.3
INCHES	6РМ	77	78	77	79	78	75	73	73	75	75	72	69	70	72	75	75	75	76	73	73	75	76	76	75	76	76	75	79	80	79	76	75.3
2 INCHES	6РМ	74	76	76	77	77	75	73	73	7.3	74	73	71	71	71	73	73	74	75	74	73	73	74	74	75	75	75	75	76	77	77	76	74.3
4 INCHES	6РМ	74	75	75	75	75	74	74	73	73	73	73	73	72	71	71	73	73	73	73	73	72	73	73	73	73	74	74	74	74	75	75	73.4
8 INCHES	6РМ	70	70	71	70	70	69	70	70	70	70	70	70	69	70	70	68	70	70	70	70	69	70	70	70	70	70	70	70	70	70	71	69.9
2 INCHES	6РМ	66	66	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	67	68	68	67.0

#### SIKESTON

INCH	6РМ	81	86	89	91	83	77	78	80	83	88	80	75	84	86	89	91	90	91	81	83	86	87	86	89	88	90	91	90	93	85	80	85.5
INCHES	6PM	83	88	92	94	91	78	81	82	86	91	83	78	85	88	91	92	93	93	88	84	88	89	89	91	90	93	95	93	95	89	85	88.3
INCHES	6РМ	83	86	90	92	91	79	81	83	85	89	84	78	82	88	90	91	92	92	89	84	88	89	90	90	90	92	93	92	93	89	85	87.7
2 INCHES	6PM	83	82	84	85	86	80	79	80	80	82	81	77	77	81	83	84	86	86	85	81	83	84	85	85	86	86	86	86	86	85	82	83.1
4 INCHES	6РМ	81	80	80	80	80	80	78	78	78	78	78	77	77	77	78	78	80	80	81	80	79	80	80	80	81	81	81	81	81	81	81	79.5
B INCHES	6РМ	76	76	76	76	76	76	77	76	76	76	75	75	75	75	76	76	76	76	77	76	76	76	76	76	76	76	76	77	77	77	77	76.1
2 INCHES	6 <b>PM</b>	72	72	72	72	72	73	73	73	73	73	73	72	72	72	72	73	73	73	73	73	73	73	73	73	73	73	73	73	73	74	74	72.8

## EVAPORATION AND WIND

																1	Day o	í moi	ath														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total
OLUMBIA WB AP	EVAP WINO MAX MIN		56 94	28	63 99	94	34 89	104 83	98	36 91	36 92	69	97 81	69 88	51	48 98	20 94	91	48 101	47 79	36 92	92 96	62 97	44 98	31 98	30 98	42 97	73 96	42 94		64 92	20 86	1673 92.7
AKESIDE	EVAP			.24	.28 29	.41 53	.21	.11	.23 82	.09	.23	.26	.10	.12	.14	.27	.28	.26	.25	.35	.18	.22	.23	.25	.19	.22	.27	.30	.28	.12	.27	.29	7.16
T. LOUIS WASH UNIV	EVAP													.02					.20									.17			.26		5.87 582

VX AND MIN IN TABLE 6 REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED OURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

			T				Obe						1				Obe		AUGUST
Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp. Hit		Refer to tables	Station	Index No.	County	Drainage;	Latitude	Longitude	Elevation	tum		Refer to tables
Advance 5 ESE Albany Alton Amity Ameterdam	0051 0127 0143	Stoddard Gentry Dregon DeKalb Bates	1 4	37 06 40 15 36 42 38 52 38 21	81 24 84 26	355 872 880 1620	6P	5P Nello Moroni 6P William J. Butler 7A Edna E. Rall 7A D. M. Colhour ID R. A. Rershder	2 3 5 C 2 3 5 C 3 C 2 3 5 7 C	Koshkonong La Belle Lakoside Lams: Lampn Forest Service	4637 4684 4705	Dregon Lewis Willer Barton Stose	6 4 9 3 M 3	D 07	91 39 91 85 92 37 94 16 93 26	958 - 595 960		7A Genevieve T. Beitk BA James M. Fisbback 7A B. Frame 7A M. Auli Van Bofftes 7A Orley F Scott	2 3 5 2 3 5 6 2 3 5 6 2 3 5
Anderson 1 SN Annapolis 7 SN Appleton City Arcadia Ashton 1 N	0178 0204 0224	McDonald lron St. Clair lron Clark	1 9 10	36 38 37 20 38 12 37 35 40 27	80 47 84 02 90 37	1000 800 926	7P 6P 5P	7A Ruth C. Raekins 7A Dpal G. Ruttor 6P F. Paul Eye 7A Arcadia College Glen A. Noodruff	2 3 5 7 3 2 3 5 C 2 3 5 C	Lampn 4 NNE Lathrop 3 SW Lebanon 1 ENE Lene Gummit 1 N Lexington	4773 4825 4848	Stone Clinton Laclede Jackson Lafayntte	9 (3	8 56	93 24 94 23 92 39 94 23 93 53	-	6P 6P	MID Mrs. A. O, Rogere 6P (weil y Haya 7A Srodie D Barnett MID Benjaeis y. Smith 7A Ailliam M. Cullom	2 3 5 2 3 5 2 3 5
Auxvasse Ava Ranger Station Bedford 1 S Beileviee BerDie	0365 0503 0539 0595	Cailaway Douglas Livingston 1ron Stoddord	12 4 5 10	39 00 38 57 39 41 37 41 36 40	82 40 83 23 80 41 89 58	1060 300		7P C. H. Hook 8A U.B. Forest Strvice (ID Harry S. Stephens 7A Beulab M. Aieaander 7A Harold R. Bummers	3 3 C 3 C	Licking 4 N Lineus 2 S Livonis Lockeood Louisiana Etarks Nur.	4978 5D14 5027	Texas Linn Putnss Dadw Pikw	4 3 2 4 9 3	17 23	91 54 93 12 92 42 93 57 91 03	1277 635 - 1078 489	SP	7A Robert D. Damson 5P Merle Wade MID Mre lcel M. Tade 7A Hubart A. Nieman 6P Stark Broa. Murecry	2 3 5 2 3 5 2 3 5
Bethany Bircb Tree Black 6 Nw Bloomfield Bolivar	0668 0695 0735 0789	Rarrison Shannon 1ron Stoddard Polk	1 1 10 9	40 16 36 59 37 37 36 53 37 37	89 56 93 25		5P	7A Carl W. Slaughter 7A Mildred E. Catlett 7P Dtto Goggin 7A George E. Long SP SN Baptist College	2 3 5 7 2 3 5 .7 2 3 5 3 2 3 5 7 C	Louisiana Lucerne Macedonia Lookout Macon Madison	5121 5164 5175 5183	Pike Putnam Mipley Macon Mobroe	4 4 1 3 2 3 8 3	19 45	91 04 93 18 90 54 92 28 92 12	875		7A Georga A. Garser 9A D. A. Browning 6P Roy C. Mobinatt 7A John W. Atwell 8A Enos Wood	3 3 3 2 3 5 3
Boonville Water Norks Bowling Green Bradleyville Brookfield Srunswick	0856 0878 0980 1037	Cooper Pike Taney Linn Chariton	6 12 4	38 58 38 21 36 47 38 47 39 26	92 55 93 05 93 08	650 - 767 652	7A 5P 7A	7A Boonville Water Dep 8A Virgil Cook 7A Elwer A. Buhbard 5P G. F. Breen 6P O. K. Benneke	2 3 5 3 2 3 5 2 3 5	Malden CAA AP Malden 3 N Mansfield Marble Rill Marchall	5207 5227 5253 5288	Dunklin Dunkiin Nright Sollinger Saline	10 3 12 3 8 3 7 3	7 06 17 18 19 07	89 59 89 58 92 35 89 58 93 11	295 - 440 775	6P 5P	MID U.S Civil Aero Adw MID Arthur Mc Gill 7A Hebry D. Brown 7A Willa B. Williams SP Municipal Dilities	2 3 5 2 3 5
Buffalo Buoker Burlington Junction Butler Butler CAA AP	1101 1141 1145 1147	Dallas Reynolds Nodaeay Bates Batee	1 7 9	37 38 37 27 40 26 38 16 38 18		- - 848 870		8A L. H. Howerton 7A C. D. Highley 7A Ralph B. Fuller 5P Harley W. Johnson ID U.S. Civil Apro Adm		Marshfield Martieeburg Maryvilie Maryville 7 NNW McCredie 2 W	5319 5340 5345 5410	Webster Audrals Nodaway Nodaway Callaway	7 3 7 4 7 3	8 58	92 54 91 38 94 52 94 53 81 58	1484 807 1169 1143		5P Gbo-Me Power Co. 6P Albert J. Aulbur 6P R. B. Montgomery MID Earl S. Trumblood MID Lelia B. Craig	2 3 5 3 2 3 5
Candenton Canton Lock & Dam 20 Cap Au Gris Lock & Dam Cape Girardeau Mo State Cape Girardeau	1275 1283 1291 1296	Camden Lewis Lincoln C Girardeau C Girardeau	6 6	36 02 40 08 39 00 37 18 37 18	89 32 89 32	940 488 - 347 -	5p	4P Mo. Conenry. Comm. 7A Lockmaster 1D U. S. Engineers 5P Teachers College 7A Lee L. Athert	2 3 5 2 3 5 2 3 5 7	McCrndie Eap. Btation Memphis Mercer 6 NW Mexico Middletown 5 NE	5492 5519 5541 5565	Callaway Scotlnod Mercer Audrain Pike	S 4 4 5 5 5 5 5	9 10	81 54 92 1D 93 38 91 53 91 22	787 - 80D	7A	MID U.S. Boil Conwerv. 7A John S. Alexander 7A Dacar L. Martley 7A D. M. Roods 7A Eloise M. Graham	2 3 5 3 2 3 5 3
Caplinger Mills Carroliton Carthage Caruthersville Caesville Ranger Bta. Centerville	1340 1356 1364 1383	Cedar Carroli Jasper Pemiscot Barry	12	37 48 39 22 37 11 36 11 36 41	89 39 93 52	754 962 270	6P 6P 6P 5P	6P S. E. Price 6P Barold E. Finlay 7A Wintford C. Sall 7A Victor T. Malloure 7A Plorence A. Raros	2 3 5 2 3 5 2 3 5 2 3 5 3 7 C	Milan Millor 2 SE Mohorly Radio KNCM Monett Monroe City	5594 5871 5700 5708	Sullivan Lawrence Randolph Barry Monroe	10 3 6 3 8 3 8 3	16 55	93 07 93 48 92 26 83 55 91 44	1280 850 1310	8.8	7A Charles E. Smith MID ailliam A. Geroutte 6P Radio Sta. EWCM 8A Kenneth G. Meuaer 5S J. S. Consay	2 3 5 2 3 5 3 3
Centervillo Ranger Sts. Centralia Cbadeick Charleston	1472 1482 1490 1540	Reynolde Reynolde Boone Christian Miesissippi	6	37 28 37 26 39 12 36 56 36 36	92 08 93 03 89 21		6P	7A Corda Jane Harrison 8A U.S. Forest Service 8A Earl W. Seymour 7A Sylvia Fletcher 6P Charleston Fire Dep	3 7 3 3 3 3 2 3 5	Mora Morebouse Mosblle Moubtain Grove 2 M Moubt Verbon 3 SW	5762 5816 5834 5861	Benton Nee Madrid Franklin Wright Lawrence	6 5 3 8	88 23 87 09 87 04	93 13 88 42 90 54 92 16 93 52		5P 6P	MID Emma M. Meyer 4P J. A. Spence 8A Erseat J. Foster 8A Mo Fruit Emp Sta 6P Wm. E. Kirchhoff	3 3 2 3 5 2 3 5
Chillicothe 2 S Chillicothe Radio KCBl Clarksville Lock & Dam Clearwater Dam Clifton City	1585 1640 1674 1704	Livingston Livingston Pike Nayne Cooper	6 1 7	39 45 39 46 39 22 37 07 38 45		771 - 648	4P	7A B. D. Dupy SS Radio Station RCB1 ID U. S. Engineers 7A U. S. Engineers 7A P. S. Nendy	2 3 5 7 2 3 5 C	Neosho Nevada Nee Boston New Florence New Kadrid	5987 5999 6007 6040	Verton Verton Lind Wontgomery New Madrid	7 6	39 57 38 55 36 35	94 22 94 21 92 51 91 27 89 31	1011 862 - 880 295		5P U.S. Yisheries Sta. 7A Hebry Kraft 7A Gorald M. Hill 6P Eerhert E. Davault 6A Wess Bensley	2 3 5 2 3 5 3 2 3 5 3
Clinton 1 NNN Coloma Columbia WB Airport Conception Concordia	1773 1790 1822 1837	Henry Chrrol1 Boone Nodseay Lafayette	7 7 7	38 22 39 31 38 58 40 16 38 59	94 41 93 34	778 1108 780	8A W1D 5P	8A Loyd M. Millam 7A Jewel B. Trussoll (ID U.S. Weathor Burbau 5P Fr. Adelholm Bess 7A Martin Brockman	2 3 5	Dates Tower Odessa Dregon Drogon 1 Hg Dschola 3 NE	6269 6357 8359 6407	Roynolds Lafayette Holt Nodaeay St. Clair	7 7 7 8	37 32 39 00 39 59 39 59 38 05	91 03 93 57 95 09 95 08 93 39	1083 1040		7A Ethel Bue Adams 7A Ws. E. Dougherty 7A James M. Curry MID Addie A. Burtnett 7A Sam B. Simmone	3 3 2 3 5 3
Cook Station Crane Mountain Crocker Crystal City 1 N Cuba	1980 2004 2031 2043	Crawford 1ron Pulaski Jefferson Craeford	6 5	37 48 37 27 37 57 38 14 38 04	92 15 90 23 91 24	420	5p	7A Thomas J. Gorman 9A Roy E. Thomlicon 6P Charlos 1den 5P Dscar F. Tidd 8A Fr. C. J. Eornsey	3 3 3 2 3 5 3	Owensville Dzark Dzark Beach Pacific Palmyra	6452 6460 6468 6493	Gasconade Christian Taney Franklin Marion	12 12 5 6	98 21 97 01 96 40 98 ?9 99 48	91 30 93 13 93 07 90 44 91 30	940 1150 700 -	AB	3A F. W. Buschmann 7A William L. Reed 8A Empire Dis El Co 7A Arthur D. Leeis 8A Jesae E. George	3 3 2 3 5 3 3
Danville 1 ENE Deering De Soto Deator Doniphan	2156 2220 2235 2289	Montgomery Pemiscot Jefferson 9toddard Ripley	10	7 38 55 36 12 5 38 09 0 36 47 1 36 37	89 53 90 34 89 58 90 50	830 255 - - 344	6P	ID Edna L. Young 7A Clarence E. Carnell 7A Roy E. Dewey 6A J. L. Jackson 6P Boyce Lackey	3 3 2 3 5	Paris Parma Pattonshurg Perry Perryville	6532 6563 6633 6641	Monron Nee Madrid Daviese Ralls Perry	10 4 6 6 6 6	99 26 99 43	92 00 89 48 94 09 91 40 89 52	710	5P	8A J. W. Reed 7A Laura E. Morgan MID Wade D. Moody MID Rev. C. B. Green 7A John S. Hagan	2 3 5
Doniphan 2 W Dora Downing East End Edgerton	2302 2318 2406 2474	Ripley Ozark Schuyler Iron Platte	5 7	36 37 2 36 46 6 40 29 5 37 41 7 39 90	92 22 91 02 94 38	860	6P	7A Geo. Baumgardner #ID Alta M. Deupree #ID Edward L. Beeler 7A C. D. Smith 7A Volma L. Jackson	3 C C	Pierce City Pleasant Bill Polo Poplar Bluff Portageville	6748 6775 6791 6799	Lawrence Cass Caldwell Butler New Madrid	6	36 57 38 48 39 33 36 45 36 26	94 00 94 17 94 02 90 23 89 41	1018 332 282		7A John P. Davis 6A Dean T. Knorpp 7A Ralph C. Ulbright 7A D. M. Richardson 5P Portageville Rev.	3 3 3 2 3 5 2 3 5
Edina Eldorado Springs Elijab Ellington Ellsinore 1 M	2503 2511 2519 2547	Miller Cedar Ozark Reynolds	1	3 40 10 7 38 20 9 37 52 2 36 36 1 37 14		934	SP	7A Paul D. Pettit 5P Arthur Rothwell 6P Clyde J. Snodgrass 7A Loyd Price 7A S. Phronia Sanders 6P Lloyd M. Privett	2 3 \$ 3 3 3 3 C	Potoei 2 S Princaton Puxico Qulin Reynolds	6866 6934 6970 7094	Washington Wercer Stoddard Butlor Reynolds	10 1	37 54 10 24 36 57 36 36 37 24	93 36 90 10 90 15 91 05	835 315	5P	5P Glen L. Swanberg 7A J. W. Steinmeier 7A Torrence J. Johna 7A Effie V. Bill MID Drelia E. Smith	2 3 5 3 3 3 3
Eleberry Eminenco 3 NNW Fairfax Farmington	2591 2617 2729 2809	Lincoln 9hannon Atchison St. Francois	1 7 8 10	38 10 1 37 11 7 40 20 37 47	80 47 91 23 95 24 90 26	449	7P	8A Boil Conserv. Serv. 41D Thomas J. Chilton 7A Dillard A. Price 6A F. M. Karsch	2 3 5 C 3 5 7 C	Richwood 7 N Richwoods Ridgeway 1 SE Rohy Rogersville 1 ENE	7122 7130 7214 7255	Ray Washington Harrison Texas Webster	3 : 14 :	98 09 10 22 37 30 37 07	90 50 93 56 92 08 93 03	1420		7A Elma M. De Clue MID Keith Jackeon 7A Roy E. Daniels MID Euyla V. Bracken	3 3 2 3 5
Farmington CAA AP Fayotto Fisk Forsyth Fountain Grove Wildlifb Fredericktown	2823 2881 2975 2995	St. Francois Roward Butler Tanny Livingeton	10 12 4	7 39 08 0 36 47 2 36 41 4 39 42	93 06	780 330 - 670	MID 6P S9	41D U.S. Civil Aero Adm 6P Irvin E. Schnell 7A Jeese L. McKinzie 7A Dtto Kenyon SS Mo. Cons. Comm.	2 3 5 2 3 5 3 3 C 2 3 5	Rolla School of Mines Rolla 5 SE Rolla 3 M Rolla 4 SE Rolla 7 S	7264 7265 7266 7267	Phelps Pholps Phelps Phelps Pholps Pholps	5 3 3 3 3 3		91 46 91 43 91 50 91 43 91 46 91 25	1202 1100 865 1040 970		9A School of Minee MID Waiter W. Snelson MID Leslie R. Underwood MID Mrs. B. P. Light MID Gertrude Ponzer 7A C. E. Jones	
Freeder Lation Freeder Tower Fulton 4 SW Galena Gallatin 2 HE Gerald	3052 3079 3094 3102	Cartor Callaway Stone Daviess	14	1 36 58 7 38 51 4 36 48 4 39 56 5 38 24	91 14 91 57 93 28 93 57	818 1025	88	7A R. R. LOSIIe 7P U.S. Foront Servico 8A F. S. Billgartner 7A Rarold D. Stewart 7A Frank Rershberger 6P Edwin B. Vemmer	3 2 3 5 C 3 3 3 3	Round Spring Saint Charles Saint James 3 NW Saint Joseph WB AP Saint Louis WB AP	7397 7424 7440 7455	Bt. Charles Pholps Buchanan Saint Louis St. L. City	7 5 7 7 7 7 7	8 47	90 29 91 40 94 55 90 23	1005 809 552	MID	7A Charles J. Koenig MID William S. Jones MID U.S. Weather Bureau MID U.S. Weather Bureau MID U.S. Weather Bureau	2 3 5
Gower 2 N Granby Grant City Greenville 4 NNW Gregosy Landing	3300 3341 3389 3451	Clinton Newton Worth Wayne	10	7 39 39 8 36 55 4 4D 29 0 37 11	94 36 84 15 94 25 90 28	1134 410	6P	#ID Patricia N. Grier 7A Wildred B. Hatcher 7A J. Bombr Korn 7A C. L. Ruhottom 7A Albert J. Ruddick	3 2 3 5 7 C 2 3 5	Saint Louis University Saint Louie Wash. Univ. Balom 6aliehury	7465 7470 7506 7514	St. L. City St. L. City St. L. City Dent Chariton	6 5 5 2	98 38 38 39 37 38 99 26	90 14 90 19 91 33 92 48	578	7P 8A 7A 6P	7P St. Louis Univ. 8A J. Hopp R. Bruat 7A E. E. Martin 5P David R. Robertson 7A Lockmaster	2 3 5 2 3 5 8 2 3 5 2 3 5
Frowaspring Failey Randen 2 NE Bannihal Hannibal Sater Worke	3483 3537 3585 3598	Wright Sarry Chariton Marion	12	2 38 42 2 39 38 8 39 42	91 30 92 37 93 48 92 47 81 21 91 21	758	1	A Albert J. Ruddick SA Roy W. McNeley SP William Madison #ID Mary M. White 7A Grover C. Van Dyke #ID Roger C. Higgins	3 7 3 3 3 C 3 2 3 5 7 C	9avorton Lock & Dam 22 8edalia Seligman Seneca Boymour 4 NNE Shelbina	7632 7645 7656 7674	Pettie Barry Newton Wobster	7 3 8 3 12 3	36 31 3S 50	91 16 93 14 93 56 94 37 92 45 92 03	910	5P 7P	7A Dr. J. E. Cannaday 7A Floyd E. Fawver MID Hosea N. Harrison 7A Claude E. G. rfit 8A Drvillo L. Payno	2 3 5 2 3 5 2 3 5 2 3 5
Harris Earlsonviile Earlegreen 2 s Harrietta	3641 3149 3713 3779	Sullivan Cass Lacleds May	1	4 40 16 9 38 39 3 37 48 7 39 14	83 21 94 20 92 27 93 58	904	8P	wid John E. Miller 7A J. B. Patterson 8A Melvin R. Gallion William R. Rarrison 7A Joseph Wunderlich	2 3 5 C	Bhelhywille Sikeston Sikeeton Crop Exp Fm Biloam Bprings Bkidmore	7728 7770 7772 7780	Shelhy Scott New Madrid Eowell	6 3 6 3 8 3 12 3	39 48 36 53 36 51 36 48	92 02 89 35 89 35 92 04 95 05	318	7A 5P	5P Emmitt L. Goe 7A Lucy W. Rumphreys 5P Carl D. Luper 7A Bese M. 9ybrs MID Nina B. Geynr	3 2 3 5 2 3 5 3 3
Mersitage Highwe 5 E Highpolnt 2 8s Mornwraviie Souwton	3796 3835 3846 3996	Hickory Howard Moniteau Dunklin	11	7 38 42 9 37 36 7 39 14 7 38 28 D 36 03 3 37 20	93 19 92 3D 92 37 90 08	=	8P	7A Joseph Wunderlich BP Harold E. Carletrom MID Hilda M. Hargim MID Mrs.John E. Dutcher MID 9allio E. Porkins SP The Houston Herald	2 3 3 C C C C C	Bridsors Speed 2 W Epring City Springfield WB AP Stanberry Steelville 2 N	7960 7967 7976 8003	Cooper Hewton Grenne Gentry	7 3 8 3 9 3 4 4	38 51 36 59 37 14 10 12	92 50 94 32 93 23 94 33	1265	MID	MID Richard E. Stegner MID Gladye J. Cameron MID U.S. Weather Bureau MID R. Trueman Wagere	3
Houston 1 NE Jackson Juff (ity Madio KWOM Jafferson City Jacona	4021 4221 4271 4276	Texas CGisardeau Cole Colv	1	3 37 19 8 37 23 7 38 35 7 3M 34	91 58 89 40 92 12 92 11	428 557 -	5P 6P	MID Elenor Johnson 5P Danny Siebert 7A KNDS Radio Tare 7A Robt. R. Henderson 7A Louie F. Brinkley	2 3 5 2 3 5 7 C 3	Steffenville Stet 8 8E Stover Sullivan 5 E	8051 8063 8112 8171	Carroll Morgan Franklin	6 7 7 5	9 58 9 21 6 27 6 13	91 53 93 41 93 59 91 04	850 1110	6P	7A Fannie V. Gross MID Edward Stevens 7A H. Kylo Vickrey 7A Goorge J. Husswan	2 3 5
Jewett Joplin CAA AP Kaboka Kawas City BB Airport E C Mt. Joha & Klawood	4296 4318 4346 4306	Madison   Jasper   Ciark   Clay	10	0:37 23 E 37 10 5 40 25	90 29 94 30 91 43 94 35	982 741	MID	MID Fred Goelkel MID U.S. Clvil Awro Adm 8A Wesley E. Hayden MID U.S. Neather Dureau WID Lester Applemate	2 3 5 7 C	Summersville Summer 2 9N Sweet Springe Tarkio Tecumseh 2 N Topaz 4 NE	8168 8223 8289 8313	Livingston Saline Atchison Drark	12 3	16 56	91 40 93 17 93 25 95 23 92 17 92 12	860	8P 6P	7A John N. Guilford 6P Herhert F. Neison Jr 6P Lester B. Morton 7A Ray H. Hunt	2 3 5 2 3 5 3 3 5
# C. 75th & Esimes # C. 37th & Maytown Ed #manum City U of #.C #mseett Mudio EBOA  Enytowell # 4 WE	4369 4374 4376 4417	Jackson Jackson Jackson Jackson Dusklin	11	7 39 00 7 39 03 7 39 02 D 3M 13	94 35 94 30 94 25 90 04	908 265		Wild Lester Applegate Wild Lester Applegate Wild Lester Applegate For Early Applegate For Early Apple Apple For Early Apple For Early Apple For Early Apple Apple Apple For Early Apple Ap	2 3 5 C 2 3 5	Trenton Troy Tyrone 2 N Union 1 SE Unionville	8444 845S 8488 8515	Grundy Lincoln Teass Franklin	4 4 5 3 1 3 5 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	10 04 36 59 37 12 36 27	93 37 90 59 91 53 90 59 93 0D	1380 5S0	6P	7A W. R. Estes 7A Robert L. Nichols MID Lovene A. Harrison 7A Cornellus Sieges 7A Ocorge D. Choate	2 3 5 2 3 5
E ddor E ng City f rheville Radio EIRE E reville CAA AP	4508 4544	Caldwell Gentry Adair		4 39 47 7 40 03 M 40 13	94 06	1010 10MS	SP	7A CLONED SP John M Wartln 6P Dow Jones MID U.M. Civil Awro Ads	3/19/54 3 2 3 6 2 3 6 7 C	Valley Park Van Buren 1 5 Vandalla Vanaant 4 5E	6581 8589 8577	Saint Loule Carter Audrwin Douglas	3 3	36 33 M 59	90 29 91 01 81 30 92 18	41D 500 7S8	5P	7A Ray C. Estea 7P Junior W. McSpadden 5P Haomi K. Stouta 7A C. D. Smith	

continued																										AUGUS	F 19
Station	Index No.	County	Drainage t	Latitude	Longitude		Elevation	Temp.		Observer	Refer to tables		Station	Index No.	County	Drainage	Latitude	Longitude			Obe vati tim	ao	0	bserv	ver	1	eler to oles
Pormailles Tichy I SE Tichy CAA AP Tomin 2 FV Ti la Sidge 3 SV	8612 8614 8620	Norgan Narlos Narlos Narlos Franklin	2 2 9	38 21 38 05 38 01 38 12 28 21	91 8 91 2 82	44 49 00	1032 1040 1122	10	wiD wiD	Gess K. Sartram Virginia F. Suffmas D.S. Civil Aero Adm James McKleney Wincent Selimas		c c c					NET	STAT	ONS								
Taro Suppopello Dan Surrensburg Cout. T. C. Surrenton 1 S Turuav So. 1	8700 . '8712 8725	Jamper Wayne Johanon Barree Beaton	10	37 14 34 53 38 40 28 41 38 13	5 90 8 92 9 91	15 44 09	879 987	2P 2P	BA BA SP	Lester O. Sigara U.S. Sugineere Ceet. Teach. Col. W. T. Zimmerman Dora Johnson	3 2 3 3 7 2 2 2 2 3 3 2 3 3 7	CC	# Zamilton	2268	Caldwell	4	39 4	94	00	980	8P	7A Jo	eeph	♥. R1	ddle	2 2 2	
Farmac Bo. 2 Tachington 3 9 Tacola Taverly Taymonwillo 2 W	8746 8734 8768	Beelon Frackle Cmark Infavette Fulanki	12	26 13 38 21 29 43 29 13 27 41	91 7 92 2 92	00 24 21	- 1294 790 902	6P	NIO NA 7A	John W. Burke Jon Ludewis A. W. Pieckney Jenne J. Poone Ralph N. Land	3 2 2 3 3 2 3 3 7	cc															
Tebeter Groves Teingartes Test Plains Tilliansburg 2 98 5; liansville	8799 9880 8960	Saint Louie 9t Geneviev Boesli Callavay Vayne	0 6	28 35 37 55 38 44 29 55 36 35	90 6 91 5 91	12 31 45	633	SP IID	MID MID	Thomas G. McCaeley William J. Miller D.S. Weather Bureau CLOSEO George W. Julian	2 3 2 2 3 3 2 3 3 7 7/10/34	С															
Unlies Springs Unless Springs For Ser Unimor 3 NV	9000	Scenii Hosnii Johnson Hollinger	1 2	38 31 29 31 29 22 37 10	91	59 32	-	6P	NED 8A	Allen France D.S. Forcet Service Logan Sutherland J. Monroe Null	233	С	# Continuation of Kide	der		I											

1. Plack 2. Charitoe 3, Gasconade 4. Grand 2. Meramec 9. Mississippi 7, Mississippi 8. Neosho 9, Omage 10, Saint Francie 11, Saline 12. Spring 12. Tarkio 14. White

#### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state hasis. There will be no duplication of numbers within a state.

figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this hulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown hy footoot following Table 6.

Sleet and bail were included in snowfall averages in Table 1, heginning with July 1948.

amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Show on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- Data in the column formerly headed "No. of Days .01 or more" have heen changed to "No. of Days .10 or more" effective January 1, 1954.

  No record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

  And also on a later date or dates.

  Amount included in following measurement, time distribution unknown.

  Gage is equipped with a windshield.

  Adjusted to a full month.

  Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

  Water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

  One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

  Amounts from recording gage. (These amounts are essentially sccurate but may vary slightly from the amounts to he published later in Bourly Precipitation Data).

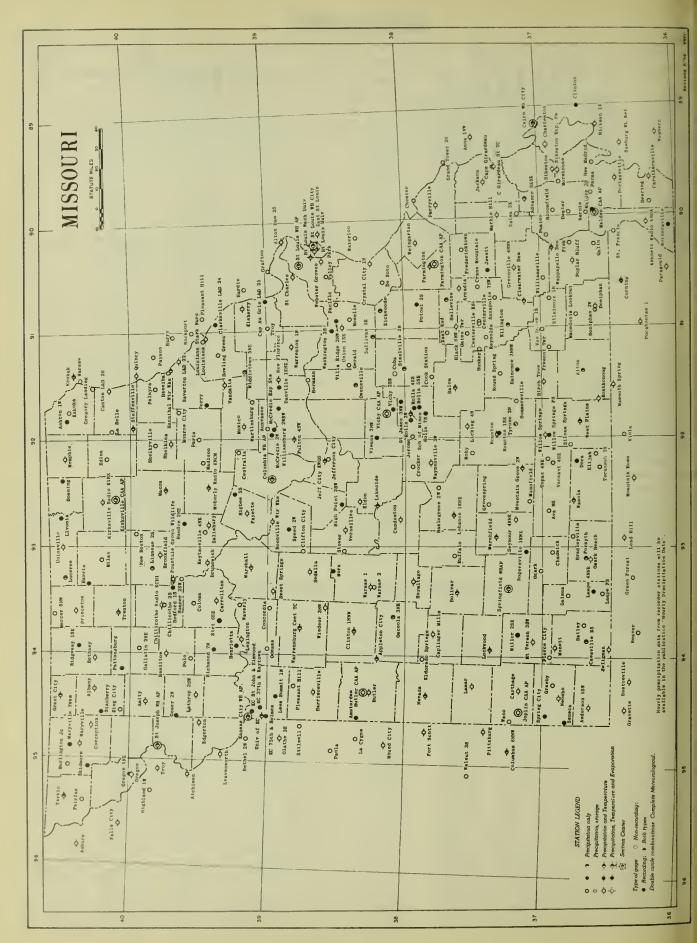
  Trace, an amount too small to measure. Includes total for previous month.

  This entry in time of observation column in Station Index means observation made near sunset.

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U. S. DEPARTMENT OF COMMERCE
SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

NOV 29 1984

## CLIMATOLOGICAL DATA

**MISSOURI** 

SEPTEMBER 1954
Volume LVIII No. 9



#### MISSOURI - SEPTEMBER 1954

#### WEATHER SUMMARY

Drought conditions intensified over most of the State with continued lack of adequate rainfall and persisting high temperatures. Two periods of a seasonal or slightly below normal temperatures provided much needed relief from the heat. Crops, however, continued to decline until the heavier rains the latter part of the month.

The mean temperature, 73.7°, was 4.4° above normal making this the warmest September since 1939. Practically all stations except those in the northern quarter of the State reported afternoon temperatures of 100° or higher early in the month and again on the 16th to 18th. At St. Louis (Lambert Field) the 104° maximum on the 4th broke the record for so late in the season, and the 103° on the 5th equaled the previous record for so late in the season. These give an indication of the unusual fall warmth. Daily means averaged 10° to 16° above normal on from 8 to 12 days the minus departures limited to 2 periods of about 3 to 5 days each on the 8th to 11th and 21st to 25th. All sections averaged above normal with departures ranging from near 1° in the northeast to between 3° and 4° over the remainder of the eastern half and 5° to 6° at most west and southwest stations. The invasion of cold air on the 21st brought the lowest temperatures of the month, and light frost to a few northern localities. Minimum readings in the lower 40's were quite common on the 22nd and 23rd, and reports in the middle 30's came from several northern and central counties. The lowest temperature, 33°, occurred at Fountain Grove Wild Life on the 22nd and at Hermitage on the 23rd.

Most sections of the State received no rain or only light showers until the 20th and 21st where favorable amounts fell in the southern half. The most beneficial rains of the month and in some quarters, especially the southern, the heaviest falls since the beginning of the drought in December of 1951 occurred on the 29th and 30th. Monthly totals varied considerably from less than an inch at a number of northwestern and south central stations to between 2 and 4 inches over most of the remainder of the State except the extreme northwest corner where totals reache 4 to 6 inches and greatly relieved the drought. The State average of 2.47 inches, -1.53 inches, was 0.80 inch more than in September of 1953, and slightly less than 50% of the 1954 August average. Few localities reported more than 6 days of measurable rain and some only 1 or 2. The greatest monthly total 6.40 inches fell at Galena, and of this total, 4.19 inches came the last 2 days. Gallatin 2 NE had two little showers that totalled only 0.17 inch for the least.

Crops continued to deteriorate and most had matured beyond possible frost damage by the month's end. Dry soil prevented plowing in many localities. Seeding fall grains proceeded slowly due to lack of soil moisture. Grasshoppers caused noticeable damage to early wheat and other small grains. The extreme heat opened cotton balls prematurely and mechanical picking progressed well under the ideal harvest weather. Soybeans promised a low yield and rather poor quality, but harvest was well along. Because of the poor grain outlook and need for feed, farmers siloed much of their corn. About 10% of the corn picking had been accomplished by the close of the month.

Only a few minor storms occurred, and no floods were reported.

A. D. Robb

## SUPPLEMENTAL DATA

MISSOURI SEPTEMBER 1954

	Wind	direction		Wind	speed p. h.		Relati		idity ave	rages		Numl	per of d	ays with	precip	tation			nset
Station	Prevailing	Percent of thme from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12:304 CST	6:30A CST	12: 30P CST	6: 30P CST	Trace	6010.	10-49	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
M8 A W8 AIRPORT	ŝ	15	8.2	33	! NE	19	63	71	40	48	4	4	1	2	0	0	11	77	3.6
KANSAS CITY WB AIRPORT		2 т	10.7	42	5	28	52	66	39	37	2	0	3	0	0	0	5	83	3.3
T. JOSEPH WR AIRPORT	0 - 1	-	-	- \	-	-	-	-	-	-	4	1	2	0	1	0	8	-	-
T. LOUIS W8 CITY	5 †	14 🛊	10.3	34	5	29	65 🕇	73 †	43 †	47 †	6	2	1	0	1	1	11	72	4.2
RINGFIELD WE AIRPORT		23	11.6	46	>W	28	62	73	40	45	4	0	1	2	0	1	8	86	3.4

† -- airport data

## COMPARATIVE DATA

SEPTEMBER

	T	emperatu	Te .	P	recipitatio	ac		Te	mperatu	re	Pı	recipitatio	ac		T	mperatu	re	P	recipitatio	a
Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average		Year	Average	Higheet	Lowest	Average	Average	
1888 1889 1890 1891 1892	65.2 84.7 63.7 70.6 67.8	97 94 98 104 97	28 32 30 34 32	1.01 4.68 4.36 0.72 2.46	0 0 0 0		1913 1914 1915 1916 1917	69.4 69.6 70.6 67.8 67.9	109 99 98 101 101	27 35 34 27 33	4.75 6.06 5.18 2.97 2.76	0 0 0 0		1938 1939 1940 1941 1942	71.6 75.5 68.8 71.6 67.4	103 108 100 97 97	30 30 28 35 22	1.85 0.81 0.69 5.83 4.19	0 0 0 0	
1893 1894 1895 1896 1897	69.9 68.5 71.8 65.0 74.3	107 101 104 101 105	26 34 24 28 27	4.07 4.94 2.38 4.09 0.67	0 0 0 0		1918 1919 1920 1921 1922	62.3 71.4 70.0 73.4 71.7	96 104 100 104 107	29 38 31 34 31	4.83 3.14 4.60 6.94 3.10	0 0 0 0		1943 1944 1945 1946 1947	65.8 69.1 69.4 68.0 71.9	102 100 103 97 109	33 36 36 32 31	3.51 2.82 9.46 2.24 3.83	0 0 0 0	
1898 1899 1900 1901 1902	70.9 67.4 71.1 68.9 63.2	103 108 100 103 95	37 21 29 27 30	6.70 1.96 4.59 2.16 4.63	0 0 0 0		1923 1924 1925 1926 1927	68.7 64.0 74.6 69.3 71.6	98 96 110 97 102	33 29 45 27 29	4.44 3.79 6.56 8.64 3.72	0 0 0 0		1948 1949 1950 1951 1952	70.4 63.1 66.5 65.7 68.2	100 99 92 102 98	37 27 28 28 30	2.17 4.78 2.01 5.25 1.67	0 0 T T	
1903 1904 1905 1906 1907	66.6 69.6 69.8 71.9 68.9	98 98 98 98 101	32 34 41 36 31	4.16 3.77 7.40 4.53 2.06	0 0 0 0		1928 1929 1930 1931 1932	65.0 67.4 71.3 75.0 67.8	95 98 105 104 99	28 33 37 36 33	2.50 3.16 4.28 3.91 2.56	0 0 0 0		1953 1954	71.9 73.7	105 108	27 33	1.22	T T	
1908 1909 1910 1911 1912	71.6 68.7 69.5 73.7 88.8	99 105 97 105 105	28 28 34 39 27	2.15 4.48 5.45 6.27 3.11	0 0 0 0		1933 1934 1935 1936 1937	74.6 65.6 68.1 73.6 69.4	102 95 98 109 103	36 32 33 37 29	4.69 7.39 3.51 8.62 2.41	0 0 0 0								

Averages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

				Ten	perati	ure					_			P	recip	itation			,		
				nal				ys	No	of Day	/8		lai	Day		Snow,	Sleet, I	fail	No.	of I	ay
Station	Average	Åverage Minimum	Average	Departure From Normal	Highest	Date	Lowest	Degree Days	Above Above	32° or X Below W		Total	Departure From Normal	Greatest D	Date	Total	Max Depth on Ground	Date	2	.50 or More	00.1
NORTHERN OIVISION																					Ī
LBANY MITY FITHANY ROOKFIELO RUNSWICK ANTON L AND O 20 ARROLLTON HILLICOTHE RADIO KCHI OLUMBIA WB AP RONCEPTION OGERTON LSBERRY AYETTE OUNTAIN GROVE WILOLIFE ULTON 4 SW RANT CITY ANNIBAL WATERWORKS ANSAS CITY WB AP RIFKSYILLE RADIO KIRX IFKSYILLE CAA AP ATHROP 3 SW OUISIANA STARKS NUR ACON ARVYILLE EMPHIS EXICO OBERLY RADIO KNCM EW FLORENCE REGON RINCETON AINT CHARLES AINT JOSEPH WB AP R ALISBURY AVERTON L AND O 22 HELBINA TEFFENVILLE ARRIO RENTON NIONYILLE ANDALIA ARRENTON 1 N	84.9 85.6 89.8 87.0 83.2 87.5 86.5 88.7 86.6 86.8 89.3 32.9 81.5 81.5 81.5 81.5 81.5 82.8 83.0 83.0 84.2 85.7 86.6 86.8 87.9 87.9 88.7 87.9 88.8 88.7 88.8 88.8	56.7 58.3 56.3 56.3 57.5 57.0 58.3 57.5 57.0 58.6 57.3 57.7 58.7 65.0 55.5 55.6 59.3 4 57.5 55.5 65.9 60.4 57.5 55.5 60.4 57.5 55.5 60.4 57.5 55.5 60.4 57.5 57.0 55.5 60.4 57.5 57.0 57.0 57.0 57.0 57.0 57.0 57.0	70.8 72.1 71.0 74.4 73.5 69.3 72.7 71.2 73.6 72.4 73.1 72.3 72.6 69.1 71.7 71.5 69.0 68.6 74.0 71.7 71.5 69.0 74.0 74.0 75.1 70.3 70.3 70.3 70.3 70.3 70.3 70.3 70.3	5.2 3.0 4.5 4.7 3.1 4.4 3.8 5.9 2.7 1.6 4.8 4.7 4.6 6.8 3.0 4.0 5.5 3.3	99	4442+++++++++++++++++++++++++++++++++++	35 22 38 22 40 22 35 23 37 22 36 22 34 22 34 22 34 22 41 22 34 22 42 22 42 22 42 22 42 22 42 22 42 22 44 22 45 23 40 22 36 22 37 22 38 22 40 22 41 22 42 22 44 22 44 22 45 23 40 23 38 22 40 22 41 22 42 22 44 22 44 22 44 22 45 22 46 22 47 22 48 22 49 22 40 22 41 22 42 22 44 22 45 22 46 22 47 22 48 22 49 22 40 22 41 22 42 22 44 22 45 22 46 22 47 22 48 22 49 22 40 22 41 22 42 22 44 22 45 22 46 22 47 22 48 22 49 22 40 22 41 22 42 22 44 22 45 22 46 22 47 22 48 22 49 22 40 22 41 22 45 22 46 22 47 22 48 22 49 22 40 22 41 22 42 22 44 22 45 22 46 22 47 22 48 22 49 22 40 22 41 22 45 22 46 22 47 22 48 22 49 22 40 22 41 22 45 23 46 22 47 22 48 22 49 22 40 23 40 23 40 23 40 23 40 23 40 23 40 23 40 23 40 23 40 23 40 22	26 24 24 12 21 12 21 30 30 7 28 12 12	12 16 16 12 17 14 13 13 12 13 11 11 13 7 10 8 14 16 6 7 10 13 19 10 10 10 10 10 10 10 10 10 10		000000000000000000000000000000000000000	0.71 1.09 0.53 2.18 1.52 2.31 1.20 2.77 2.03 1.10 1.78 1.81 1.86 1.45 1.87 1.26 1.45 1.87 1.26 1.45 1.87 1.26 1.26 1.26 1.27 1.33 2.82 1.33 2.82 1.33 2.82 1.33 1.43 1.43 1.44 1.26 1.26 1.26 1.27 1.33 1.45 1.45 1.45 1.45 1.45 1.45 1.45 1.45	- 4.84 - 1.65 - 4.03 - 3.29 - 1.43 - 2.01 - 2.59 - 3.54 - 2.81 - 1.19 - 3.27 - 2.62 - 3.43 - 2.77 - 3.22 - 2.36 - 3.43 - 2.77 - 3.22 - 2.36 - 3.42 - 2.71 - 3.71 - 2.02 - 1.43 - 3.29 - 2.72 - 3.47 - 4.07 - 3.62 - 1.54 - 2.39	0.46 0.43 0.32 0.91 1.52 0.46 1.85 0.61 1.04 0.67 0.73 0.72 0.55 1.62 0.73 0.73 0.72 0.55 1.62 0.73 0.73 0.73 0.73 0.73 0.73 0.73 0.73	30 99 29 29 30 30 20 28 29 30 20 28 30 20 20 20 20 20 20 20 20 20 20 20 20 20			29	\@\4@\$4@@\@\4\\4@@4@\$@\4\4\4\\$\4@@@@@\4\\$@	000071110027111121112211112222001111	
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SOUTHEASTERN DIVISION  LDVANCE 5 ESE  RECADIA  ALPCH TPEF  ALACK N NW	89.5 89.2 90.6 89.7	57.6 56.5 56.5M 53.8	73.6 72.9 73.6M 71.8	5.3 3.8	103 104 105 107	3+ 3 3+	37 23	2:	5 15	0 0 0 0 0 0 0 0 0	0	2.99 3.05 3.03 1.35	- 0.65	1.46 1.80 1.85 0.94	21 21	0.0	0 0 0		5 4 5 3	2 2 2 1	

## TABLE 2 - CONTINUED

Station    The content of the conten						Ten	npera	ture									P	recip	itation			
APE GIRARDEAN MO ST  APE GIRAR						le le			,		99	No c	of Da	ıys		Te Te	5.		Snow,	 fail	No.	of Days
ABJESTUM  MAGLESTUM  M	Station		Average	Average	>	Departure From Norm	Highest	Date	Lowest	Date		20 20			Total		reatest	Date	Total	Date		SO or More 1.00 or More
CTATE 73.7 4.4 2.47 - 1.53 T	ARITHERSVILLE HARLESTON LEADWATER DAM EVSTAL CITY 1 N NIPHAN ARMINGTON CAA AP REENVILLE 4 NN UST N ACKSON FINIST RADIO KROA SHEURONG CKING 4 N ALLEN CAA AP APPREHILL PREVILLE PLAP REUFF PTAGEVILLE CALA SCHOL OF MINES AINT LOUIS WA AP AINT LOUIS WA CITY AINT LOUIS WASH UNI ALEW ENSTON KESTON CROP EXP FARM VI N 1 SE ICHY CAA AP APPAPELLO DAM FRSTER GROVES FINISARTEN FST PLAINS LLCW SPRINGS DIVISION	R	91.4 84.3 91.5 88.5 91.6 1.3 1.8 91.6 1.3 1.8 90.1 90.6 6.2 80.1 90.6 80.1 90.6 80.1 90.6 80.1 90.6 80.1 90.6 80.1 90.6 80.1 90.6 80.1 90.6 80.1 90.6 80.7 80.7 80.7 80.7 80.7 80.7 80.7 80.7	64 - 3 61 - 2 57 - 3 56 - 7 56 - 7 57 - 6 55 - 5 56 - 4 57 - 9 61 - 1 6 - 4 7 - 9 61 - 1 6 - 2 7 - 6 58 - 6 61 - 1 61 - 7 62 - 7 63 - 5 64 - 7 65 - 5 65 - 5 66 - 5 67 - 6 67 - 7 68 - 7 69 - 7 60	77.4 75.3 73.2 73.1 74.1 73.3 74.2 74.1 76.2 74.7 74.7 74.7 74.7 74.0 76.0 76.0 76.0 76.0 76.0 76.0 76.0 76	3.2 3.7 3.7 3.6 5.0 4.3 4.3 5.7 7.3 4.2 4.2 5.3 4.2 4.3 4.3 4.3 4.4 4.0	103 103 103 100 104 106 104 103 104 103 104 104 102 104 105 104 105 106 106 106 107 106 107 107 108 108 108 108 108 108 108 108 108 108	55343443355345354554444534	49 450 40 377 41 40 38 46 45 46 45 46 45 47 51 50 64 54 54 54 64 54 54 54 54 54 54 54 54 54 54 54 54 54	22 23 23 23 23 23 23 23 23 23 23 23 23 2	5 12 18 28 6 6 10 28 8 15 16 6 9 7 7 10 12 12 7 7 14 11 11 11 11 12 6 18 8 15 11 13 13 13 13 13 13 13 13 13 13 13 13	17			1.10, 2.96, 3.16, 3.38, 1.80, 1.83, 3.51, 1.42, 4.14, 1.79, 1.71, 2.26, 4.21, 3.71, 2.26, 4.71, 3.12, 3.12, 3.12, 3.12, 3.12, 4.76, 4.71, 3.16, 3.29, 4.76, 4.71, 3.16, 3.29, 4.76, 4.71,	- 2.11 - 1.10 - 0.23 - 2.00 0.19 - 2.74 0.12 - 1.85 - 3.33 - 0.17 0.32 - 2.00 - 0.25 - 1.37 - 0.60 - 1.46 - 2.05 - 1.54 - 1.87 - 1.14 - 1.24 - 1.67 - 0.90	0.80 1.40 1.84 1.25 1.87 1.26 1.62 2.04 0.78 2.01 0.81 2.01 0.85 2.05 2.05 2.05 2.05 2.05 2.05 2.05 2.0	21 21 20 30 21 20 21 30 20 21 7 7 21 21 20 20 21 20 20 21 21 20 20 21 21 20 20 21 21 20 20 20 20 20 20 20 20 20 20 20 20 20	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		25325326333566643322524314	1 0 2 1 3 1 1 1 1 2 2 2 2 1 1 1 1 1 2 2 2 2 2 1 1 1 1

<sup>.</sup> DATA RECEIVED TO LATE TO BE INCLUDED IN DIVISION AND STATE MEANS.

## DAILY PRECIPITATION

		וע

Table 3														Day	y of m	onth	-			-		-	-				-			C 1
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21 2	2 23	24	25	26	27	28	29	30
VANCE 5 ESE RANY TON	2.99 .71 2.47							T		.46									.10	•01	.10 1	.65					,	.7"		.86
ITY OERSON 1 SW	1.09							. 05 T	T •38	.38	.03 .25				т		Т		. 4.8	•91		.05				Y		.94	.2	.2F .43 .84
NAPOLIS 7 SW PLETON CITY CAOIA	1.56 1.62 3.05								. 89	.19	•11				٣				.10	.74	.00	. A 2		ш		т	.02	4		.28
XVASSE A RANGEP STATION	2.30								.04		•11								.07	.37	.88	.46		- 1				. 3#	.45 2	. Lp
LLEVIEW RNIE	1.66							_		2.0										.01		.AA		- 1						т •7Р
THANY RCH TREF ACK 6 NW	3.03 1.35							T T		.32	•02								.10 T	.12 T		.85 .						• 10 • 03	.16 .16	. P.O.
OOMF 1ELD L 1VAR	3.62						.04	T .38	T											.02	1.15	.00						7	. 49	.07
ONVILLE WATERWOPKS WLING GREEN ADLEYVILLE	2.21 1.35	-	_	-	-	_	_	-03	T _	-	-01	~	-	-	~	-01	-	_	_	-	.55 .69	.27	_	-		-	- ()	. 20	.96 .22	- 46
OOFFIELO DNSWICK	2.18									.06 T	•06					.03					.70 .20							+14	.91	.37
FFALO NKER PLINGTON JUNCTION	3.37	-	~	-	-	-	-	-18	a 64 	- 44	-14	-	-	-	-	-	-	-	~	-	-	-54	-	-	-	-	-	-	.22	- 94
TLER TLER CAA AP	1.60							. 02		.38					* 0 4 T					т	.20				т		.01	.20 1.15	.79	.18 .01
MOENTON NTON L ANO D 20 PE GIRAROEAU MO ST	2.67 2.31 4.46		Т				.38	•52 •69	•03		•17								.27		.20 .10 .34 1	.18						• ^2	.95 1.52	.32
PE GIRAROFAU PLINGER MILLS	3.68 3.76							.28	. 26	т					т					.14	.15 1 .73	.97							1.25	.88 1.78
PROLLTON RTHAGE RUTHERSVILLE	1.20 5.82 1.10							.09	•43	.24									Т	т	•07 T	.97			Т			* 1 P	.25	.77
SSVILLE RANGER STA	4.08 1.77				8			т	.66 .26										.02	т	т 1	.42				•P1			1.21	.26
NTERVILLE RANGEP STA NTRALIA AOWICK	1.82 2.10 4.17								.15										.01		1.00	.30				.01		. 70	.34	.29
ARLESTON ILLICOTHE 2 S	2.96							.19		.11	•02								.04		.44 1 T	.40						.01	.77	. 62 . 97
ILLICOTHE RADIO KCHI FARWATER DAM IFTON CITY	2.77 3.16 3.45							т	.05	.11	т								.05	.26	T 1.56	.84				Т		.04	.73	1.99
INTON 1 NNW LOMA	7.17 1.20									т											.34	.05							.22	1.92
_UMRIA WB AP R NCEPTION NCOROIA	2.03 1.10 1.37						•01	T T		.61 .03					T T					.27	.82	_			T		. 02	.05	.83	. 25:
OK STATION ANE MOUNTAIN	1.33								.33										11	.31		.56					т			.44
OCKER YSTAL CITY 1 N	.92 2.28 2.52							•09	.80										.05		1.25	.28 .85			т	т			.03	.55
ERING SOTO	1.72								•41											.02	•11	.87							.01	• 33 • n2
XTER NIPHAN NIPHAN 2 W	2.56 3.38							.07	•03										.13	•13 •08	.72 1 .02 1 .50	·63							.10	.97
AST END DGFPTON	1.17							т	.95	.44												.10							.30	.12
OTNA JOON JOOPAOO SPRINGS	2.48 2.07 2.75						• 25	т		T •14	•03				.04						.02 .27 .38	.46			T		т	• 04	1.66 .68 1.15	.27 .93
LIJAH LLINGTON	2.75																		٠	•12		1.04							.56	1.03
LISTNORE 1 N SBEPRY ATRFAX	3.27 1.81 .65						. 15	.40	•12	.45									.21	•09	.06 .85	.22						T •20	.18	.43
ARMINGTON ARMINGTON CAA AP	1.80							.04	.04										.09	· ·	.31 :	. 26			т	т		_	T T	.10
YETTE SK DRSYTH	1.69 3.35		_	_	-	_	_	_	.34	T -	_	_		_	T _		_	_		т_	.17	1.50		_	Т _	_	_	.73	.3A -	1.51
OUNTAIN GROVE WILDLIFE REDERICKTOWN	1.45								.04	т								т	.51		T T	2.16						т	.R5	.60 .36
PEMONT TOWER DITON 4 SW ALENA	1.87								•07							т				•19	.40	-				Ψ		.02	.21	2 - 15
ALLATIN 2 NE FRALO	2.21							.24		.03											1.74								т	.14
PANRY PANT CITY REENVILLE 4 NNW	5.21 1.26 3.51							.08	T .06	. 55											.09	2.04					1	.18	1.60	1.05
PEGORY LANGING	1.15							т	т		•05										T T	T .35						.05	.91	.14
ATLEY AMILTON ANNIBAL	2.44 1.21									.41	т					• 02					.52	. 54						.13	2.00	1.38
ANNIBAL WATERWORKS	1.20									.02					• 04					.56	•01	.24						. 37	.11	.10
AZLEGRFEN 2 W ERMANN ERMITAGE	1.93 2.67 2.64	1																		1.10	.96	.31							.51 .61	1.11
O STON ACKSON	4.42						1 .03	.14	•05										T .29	3	.09	1.03						т	.55	.76
EFF CITY RADIO FWO; FFFEPSON CITY EROMF	3.30 2.67							.02 T	.06 .13							Т					.63	1.30				Т		.02	.50 .42 .30	.77 .47
UPLIN CAA AP ANGKA	4.19							.03		.37	•23				т						.37	.58						. 27	3 27	۸۵
AN AS CITY HR AP PANSA CITY UNI OF F C	.63 .78 1.29	9						.13	ە05	.33	1									•02		.01			T		т	.10	1.39	.12 .20
1775 VILLE 4 45	-	-	-	-	-	-	-	-	-	_	_	-	Ξ	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	- 1
PY V LE PAUTO KIPK WYSV LE CAA AP P SHEONONG	2 . 87 1 . 87 1 . 75	ri .						*02 T		*14 *11				т					.23	.09	.52	•32					7	.79 1.56	.10	. AQ T 1.18
h ogf Ef hrf 15f	2.7	d							•01							• 04			• (		.02	.14				7		.01	2.45	.12
THE SUBSTI SERVICE	9.6	1							301	+21												1.32						.01	.73	2.18

Table 3-Continued

Table 3-Continued																			_	-				_			CK 954
Station	Total	1 :	2 3	4	5	6	7	8	9	10	11 12		14		16	17 1	8	19 20	21	22 2	3 24	25	26	27	28	29 3	10 31
E OLD No. No. 1 E No. 6 Li B II No. 1 Colon II No. 1 G No. Li No. 1 G No. Li No. 1 G No. Li No. 1 G No.	1.97 .61 .71 1.65 3.74							.03 T	.20	T .02				•03				T •21	.45 .30			т .			T .77	.20	.73
STANA STARRY NOR L TANA - TANA - TANA - TA LTA IT MA PA	1.78 1.28 1.14 4.04						.11 .12 .17 1.62		.03	.02 .38							.07	1.19 .58 .15	1.41						T T	.10 .08 .27 1	•12
S PALL  A P PILL  ABA P PILL  ABA P PILL  ABA PALL	7.8 7.8 7.8 7.8			-		-	.06	.14	_	-		-	-	-15	-	_	.01	1.40	.01 .64 2.01			-	-	-	T •	.33 1	• 53 • 70 • 64
ab end [Fit] ab end by Out ab end Per aby Out A D Person	2.   2.   1.20 1.2 .50					o la fa	T .05 .13 .02		.66	•20 •14	Т	Т	•01					1.31	•18 •10						.74 .19 T	•57	.47 .38 .28 .43
sopt to the first that the the the the the the the the the th	1.6 2.2 1.6	-		-	-	-	.02	-	-	•15		-	.19	-	-		-	1.27 .06 .39		-		•01	-	-	• 88 -	*53 *33	- 40
CONTROL OF CONTROL OF	2.1 7.2 3.14 7.43 0.1						.72		- 1					.08				.86 T .13 1.25 .02 T 1.44	.61 .85							.17 .30 1 1.93 1	•66 •05 •57 •58
Not he Not he had been seen to have the he had been seen to CRE had been he ha	4.76 2.68 3.7 1.15 4.17						τ	.01	.23 .33 .20				• 0 3	•06			т	.60 .20 7.05 T	.98 .53			T	Т	T	T •11 •17	T	. 69 T
A'S T WER • S J A CRIF A CE KA 3 NF NEW NSV LLE	1.44 1.39 2.22 2.40			-	•	-	т	.43	.91	•	-	-	-	•05	-	-	-	.30	.78	-		-	•	т	Т	.70 .17 .90	•31 •09 •25
ZAGE FACH PAL FIC PA MYCA AH	3. VI 5.28 4.17 1.25 3.13						.06			т				•03				.90 .40 1.53								.56 .69	.43 .61 .26
PAGMA PARVVILLE PIRB F CITY PIRACANT MILL POL	7.95 2.76 6.37 2.05 2.40						•85	.09 .10 .30	.15	•40 •15				•05				.20 .17	.07				T T		.01 .52	7 2.10 2 1.17 1.48	. 30
P PLAR MLUFF MHRTAG VILLE PR NUFTON P FIL NL N	4.21 3.12 1.3 3.65 7.94					•02	. 22 .06 .32	.08 .03	.64								.03	.31 .20 .13 .11	2.05 2.25 1.70 1.92						.46	.20 .14	.31
MEYMAN, A R CHOPUL A R MLLA SCHOOL OF MINE R A SPRING	1.00 2.62 1.30 1.15			ľ		•		.20										.48 1.86	.40 .73 .24							•77 •74	.47 .08 .68 .79
A NY CHARLES AINT JOSEPH MR AP R AINT LOUIS MR AP R AINT LOUIS MR CITY R SA NT LUIS JAIVERSITY	3.93 2.27 3.29 4.75 3.16					T T	.02 T .12 .29		.48 T	Т	•0?	Ť	Ť T T	Т		т	.02	2.80 1.82 1.35 1.09 3.31 .51 2.60				T T	T		*17 T	1.60	.04 .02
5A MY LOUT MASH NT ALEM RY ALEM RY NE AND D 22 ALEA	4.76 1.83 1.40 2.17 3.37						.08 .18	.14	.03	-01		١	Ť	•03			.07	.07 2.60 .50 .97	.78				•01		.38 .02 .06	.73	. 35
SA CARA  YOU A THE  SAC RIMA  SAL HAVILLE  TO THE  SEE THE COOP EXP FACE	1.65	-		1-	-	-	r .17	.04	Ť	-*		1	Ť	-	-	-	- 06	.03		-		-	-	- T	- 10	.R7	-
RINGE C NE AP R// STPELVILLE 2 N TEFFENVILLE	7.74 3.83 1.36 1.76	3		1			Т	.38	т			ł					•00	T .98	•69				т		.64 .16	· 2•01	.67 .20 .17
-1 AN 5 E MAN F VILLE MAN D 2 T W 5 EFF POINGS	2 • 13 1 • 5 • 73 • • 71	?	7				.26 T	•03	.18	т			T • 02	, т			.15		1.65			т	Т		т	.09 .10	.65
76 IN EM 2 N Y DAZ 6 NE TO NY N Y N Y N Y P	3.3 7.25 .61 3.61	5 A 7					.05	•55 † •30	.29				Т	•10	}		.08	1.90	.96 .40 .82				т		.04	*1 1 *60	.5g
Ψ LF A F V DADE VAN A PFN 1 S V 2 L A VAN 'AN' ' SE	7 • 3 · 7 · 7	7 3 — 7		1-	-	-	.04 T	-18	Y -	-12			- T	-	-			1.32	2.15	-		-	-	-	- 47	- 40	• 15 • 08
OF AILLE OF HY AA AP HAPPAFFILL AM HAMPEN BURG CENT TICH	3 · · · · · · · · · · · · · · · · · · ·	7 5				.41 7	.72	1.09 T	.23	.28							Т	1.14	.16 1.77			T	*		• 011	*25	-16 -0P -40 -13
ма Бечут 1 % ма Аш №7 1 ма Аш №7 2 ма а	2 × 81 2 × 6 2 × 7 2 × 9	2 <sup>1</sup> 7' 91					.19 T		τ			H	±01	T T	3			.04 2.2A				т			, T	* +C +Pu	36
MAYNE , LLE ? M MEN FEC A YE MEN TECHNEL MEN T PLAIN!	2.	4 1				*11 T	.04 .10					1					.24	3	13			•03			.112	? •**	
ELLEPPINS  N P 3 NH  ZA_MA 5	7.4	1 3		1			.12	. 5						•01	5			.09 .74	.75						.17		

Table 5							SEPTEMBER 1954
Station	1 2 3 4 5	6 7 8 9	10 11 12	Day Of 2 13 14 15 16		22 23 24 25 26 27	28 29 30 31
AOVANCE 5 ESE MA	86 95 103 103 102	03 87 90 8	9 82 79 8	3 92 96 974 97	7 94 91 99 89 74	72 76 85 85 89 90	94 85 87 89.5
ALBANY MA	90 92 88 98 94	96 86 79 74 61 66 53 66	4 75 81 8	5 89 81 70 92	2 95 93 88 85 75	75 82 83 78 89 91 35 46 56 50 44 51	61 66 68 57.6 83 84 77 84.9 65 61 55 56.7
AMITY MA		96 89 82 7 67 67 53 5				75 81 84 76 88 91 38 46 53 56 50 58	86 82 79 85.9 64 63 55 58.3
ANOERSON 1 SW MA	97 100 102 103 100					78 84 89 89 87 96	91 87 82 91.6
APPLETON CITY MA.		04 96 93 81 67 67 62 63				78 84 91 83 85 94 41 46 48 51 55 54	95 88 76 92.7 66 63 65 59.0
ARCAOIA MA		01 96 94 93 66 69 56 49				72 75 87 84 85 87 41 37 40 44 56 49	89 84 86 89.2 65 69 65 56.5
8ETHANY MA.		95 93 77 74 60 60 51 59	4 75 89 84	4 89 79 75 89		73 80 83 87 84 91 34 40 49 53 56 49	85 84 80 85.6 64 62 56 56.3
BIRCH TREE MA.		99 97 93 91 62 69 70 5				73 77 85 88 82 88 58 40 61 68	92 76 80 90.6 61 64 63 56.5
BLACK 6 NW MA		99 85 90 90 59 61 58 4				77 78 86 81 87 92 39 36 39 52 60 47	92 78 81 89.7 60 67 57 53.8
80L IVAR MA		00 91 91 89 73 67 64 69				74 81 87 86 87 92 46 48 52 62 63 57	91 80 82 90.3 68 63 63 62.2
800NVILLE WATERWORKS MA.		98 95 86 8: 74 71 57 58				66 71 75 83 69 85 45 46 47 56 59 58	89 91 83 85.0 60 63 65 59.3
8ROOKFIELO MA.		01 97 83 7° 68 68 54 6			8 100 95 93 92 86 0 65 70 64 58 50	77 83 88 81 93 92 40 45 53 52 56 54	94 86 83 89.8 65 63 63 58.9
8RUNŞW1CK MA.		97 87 82 79 68 69 56 69				72 88 85 76 85 91 43 47 54 63 56 55	90 83 80 87.0 68 65 57 60.0
BUTLER MA		99 90 91 8 68 69 63 66				76 83 88 82 87 92 42 53 54 64 59 58	92 86 79 89.7 64 64 62 61.1
BUTLER CAA AP MA.		99 88 92 83 65 65 60 63				77 83 89 81 87 92 40 48 52 61 58 54	91 86 71 89.4 61 63 60 59.3
CAMOENTON MA.		02 94 87 89 73 60 58 59				74 83 89 85 86 94 37 40 47 58 57 48	97 86 83 92.0 63 57 57 56.1
CANTON L ANO 0 20 MA.		96 85 79 7° 65 64 53 56				69 72 84 78 87 88 38 35 47 50 45 51	80 85 75 62 59 62 55.3
CAPE GIRAROEAU MO ST MA:		01 82 87 8° 70 71 66 6°				70 75 84 78 86 89 47 48 51 59 61 55	92 85 82 87.7 67 68 69 62.1
CAPLINGER MILLS MA		00 95 92 8° 70 68 58 6°				74 80 87 87 86 93 43 46 53 61 57 59	92 84 79 91.2 68 64 62 61.3
CARROLLTON MA.		00 85 82 83 65 66 55 63				75 80 87 75 89 93 37 42 48 63 53 49	94 85 78 87.9 66 64 60 57.5
CARTHAGE MA.		01 93 93 96 72 69 65 66				77 82 88 88 87 94 43 47 54 61 65 59	90 85 80 91.4 68 62 61 62.3
CARUTHERSVILLE MA.		99 87 88 9; 73 72 75 6				73 77 86 88 88 92 49 51 54 58 62 62	94 88 81 90.4 64 71 69 64.3
CHARLESTON MA		02 86 90 90 70 72 68 59				73 71 85 89 90 92 46 45 47 54 61 59	93 84 83 89•3 67 69 69 61•2
CHILLICOTHE RADIO KCHI MA.		95 94 81 7 60 64 52 63				75 80 87 77 89 93 36 40 46 50 46 47	91 88 81 87.5 66 57 58 54.9
CLEARWATER DAM MA		01 92 89 96 61 64 62 53				72 76 84 85 88 89 42 40 43 52 59 53	92 87 82 90.5 60 68 63 55.9
CLINTON 1 NNW MA		01 101 90 96 61 68 61 69			0 100 96 98 101 98 7 61 70 68 65 49	70 75 84 88 74 87 38 42 44 53 55 45	94 93 90.8 58 62 56.8
COLUMBIA WB AP		99 87 84 87 72 65 57 63				72 76 85 71 86 90 44 46 53 62 60 58	93 84 72 86.6 66 63 63 60.5
CONCEPT ION MA.		96 96 88 86 68 64 53 66				76 80 82 78 86 90 41 45 46 64 51 59	90 84 83 86.5 63 63 51 58.3
CRYSTAL CITY 1 N MA					0 95 91 97 84 75 4 60 66 70 62 52	70 74 85 80 82 87 40 37 40 56 60 48	93 84 80 88.5 71 67 55.7
OONIPHAN MA.		03 95 94 94 61 67 61 53				77 80 87 90 91 96 41 50 51 46 59 54	95 82 81 93.5 58 61 67 56.2
E OGE RTON MA	93 101 97 101 97 55 63 68 72 61	98 89 85 82 60 66 54 59			7 96 94 92 91 79 0 68 70 61 61 46	76 85 87 75 90 91 34 47 55 62 47 49	92 85 78 88.7 65 66 57 57.5
ELDON MA		99 87 87 89 71 71 58 6				73 82 89 82 85 93 42 43 50 62 60 57	95 85 83 89.4 67 62 64 60.0
ELSHERRY MA						67 70 76 85 78 88 41 39 46 59 61 49	89 86 89 87.5 63 66 66 57.0
FARMINGTON MA						72 77 85 76 86 90 44 40 44 60 62 51	97 82 79 88.8 65 69 67 57.6
FARMINGTON CAA AP MA						69 75 83 75 85 89 42 38 43 57 55 48	90 81 81 87.6 62 67 66 55.5
FAFFITE MA	87 98 93 99 98 8 54 63 68 64 68	97 91 82 79 67 67 55 66				73 76 86 79 86 90 40 42 48 63 57 51	97 84 79 86.6 65 63 64 58.6
FOUNTAIN GROVE HITOLIFE MA		94 91 82 86 59 60 48 56		4 88 88 77 49 55 44 56	9 95 91 91 89 87 5 55 54 44	73 78 84 79 88 91 33 36 46 51 46 44	89 89 82 86.8 52 53 59 51.4
B J T'196 4 N MA					5 101 97 95 98 86 5 61 68 70 60 51	68 77 78 86 72 87 43 44 47 52 59 55	91 96 85 89.3 51 62 63 57.8
, MANT ITY MA					5 92 91 83 83 75 H 67 67 71 51 45	73 79 83 77 87 90 39 47 55 51 52 59	83 83 71 82.9 63 63 52 57.3

able 5.Continued								-	_			-	-	-		Day	Oi	Moni	h	-		-		-		-	-	-	-		- LEMOCK	ψ
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	1	18	19	20	21	22	23	24	25	26	27	28	29	30 31	Averac
EFNVILLE 4 NNW	MAX MIN	90 48	99 50	106 56	105 56	105 56	103	88 66	92 66	91	89 64	81 45	85 44	92 45		97 52	99 54	95 59	91 69	100	91 68	75 57	75 42	78 40	85 42	87 51	89 61	90 53	93 61		81 65	91.2 55.4
MILTON	MAX MIN	90	94 66	90 65	9.7 65	95 69	96 68	85 69	81 52	78 59	75 50	79 52	85 55	89 61	82	78 50	94 56	94 67	93 69	89 59	88 56	76. 46	75 40	80 45	86 51	72 52	87 49	93	89 65	84 63	77 59	85.7 57.7
NNIBAL WATERWORKS	MAX	86 59	98	87 64	101	100	99 72	85 63	79 54	80 59	71 54	75 48	79 48	91 60	85 59	72 5 <b>7</b>	96 56	96 69	93	88 59	80 57	67	68 42	73 46	84	76 57	85 56	89 60	83 62	86 64	75 60	84.3 58.7
IRRISONVILLE	MAX		102	100	101	98	100	90 67	88	85 59	80	81	87	90	86 67	87	96 70	94 69	94	101	92 63	78	76 43	82 51	88 53	80 62	87 55	92	91 65	85 63	81 60	89.6 60.6
RMITAGE	MAX	97	101	103	104	102		93 63	94	88	83	85 38	88	90	80	95	100	95 53	95 59	102	103	74	78 34	82 33	88	87 56	90 58	92	93 58	84 59	84 60	91.7
PUSTON	MAX			104	103	102		91	92	91	84	83	86	91	99	97	96 56	93 63	95 68	100	98 58	75 57		81 37	ช9 41	91 57	90 62	93	94 64	75 64	83	91.6
ACK SON	MAX MIN	88	94	102		103		88	93	90	89	81	86	92	96 52	97	99	95 62	90	98 71	91 66	75 56	75 44	79 43	85 45	80	89	91	93	85	82	90.3
FF CITY RADIO KWOS	MAX			101	104		101	87 71	88	86	77	82	87	93	89 59	86	100	97	93	100	89 62	69	72 42	78 42	88	78 58	85	90	95 66	85	80	89 • 2 5.7 • 8
PLIN CAA AP	MAX	97		102			- 1	94	94	82	76 57	82 53	87 59	90	85 67	94	98 72	94	94	98 77		70	75 46	83	89	88	86 66	92	90	85 63	80 65	90.2
ANSAS CITY WE AP	MAX MIN	96			101	98	98 78	87 69	86 61	81	7 <b>7</b> 56	80 56	87	91 68	82	84	97	96 74	95 74	95 70	90	68	76 49	84 58	87	73 64	90	89	90 68	86 67	69 59	87.9 65.0
ANSAS CITY UNI OF K C	MAX MIN		104	102	102	100	99	88 71	88 59	82	78 54	81 50	88 54	92 63	84 65	84	99	96 70	95 70	96 69	92 63	80 52	77 42	84 50	89 56	80 65	89 56	93 54	92 69	86 65	82 58	89.9
ENNETT RADIO KBOA	MAX MIN	87 53	94	102	102	104	100	90 71	91 67	92	87 66	83 52	85	92 51	96 52	99	95 64	93 69	95 71	100	99 75	96 62	75 47	77 46	85 50	89 55	89 62	94 59	93 64	88 70	82 70	91.8
IRKSVILLE RADIO KIRX	MAX MIN	85 57	92 68	85 58	95 66	95 55	94	85 66	74 49	75 56	72 50	76 44	80	87 60	80 62	70 51	89 54	93 65	91	85 55	84 51	67	70 36	74 41	82 51	76 49	87 47	89 59	83 61	84	75 57	82.5
IRKSVILLE CAA AP	MAX MIN	83	91	85	94	93	93	81	76 51	75. 54	72 51	77 45	80	86 58	77 54	73	91 56	92 67	90 67	82 57	84 54	64	68 37		81	75 53	85 51	88 55	83	83 63	70 55	81.5
DSHKONONG	MAX MIN	91		100	100	98	97	88	89	89	88	81	83	89	95	95	94 64	91 66	91	93	93 74	92	73 46	75 45	85 47	88 56	87 64	90	89 66	80	75 65	89.2
AX ES 1DE	MAX	82					101		88	89	85 57	77	81	87 50	91	85 52	87 54		95 61		102	99	70 40	76 38	83	89	75 58	87 45	93 48	94 64	84 64	89.9
AMA R	MAX	85 59		100	101		100	100	93	91	83	78 48	82	86 62	88	82	94 61	98 67	92	98	98 76	100	70 43	73 45	79 53	85 57	87 63	84	92	90	83	89.6
	MAX	95 55	98		101	98	99	92	86 52	78 52	74	81	86	89	91 61	84	84	97 62	95 65	95 64	94			81		86	79 51	81	92	84	79 54	88.7
EBANON 1 ENE	MAX MIN	92		101			99	89 72	90	86	78- 54		85	89	92	93	97 65		93	99	98	78. 52	73 45		B5 50	87	86 65	91 58	93	80	83	89.9
EXENGTON	MAX MIN		94			102	99	98	87	85	82	77 51	81	88	92	82 53	81 57	98	96 72	95 67	94	94	70	76 46	82	87 61	74 54	89	94	93	86 63	88.6
ICK ING 4 N	MAX MIN	83	91	98		100	- 1	98	82 65	92	87 57	78 56	82	86 56	88	94	96 65	95 62	90	91 72	98 75	94	70 45	75 51	83	87 59	83	85	92 65	90	76 63	88.9
	MAX	98		- 1			100		92	89	78 53	82 49	89	91 62	86 68	96	99	96 65	95 68	100		80	75 44	81	89	92	87 65	84	92 67	85 63	82	91.8
DUISIANA STARKS NUR	MAX MIN	90		i		104	- 1	89	84 53	83	76 54	79 42	84	92 57	89	79 55	9-8	90	88	86 68	75 57	70 51	72 40	77 37	85	78 55	87 58	89	88	88 66	81	86 . 8
	MIN	78 57	85 61	95 59	87 64	97	97 71	95 65	83 51	77	77 51	75 47	75 49	82 59	89 62	83	73 55	95 59	94	90	86 57	85	65 42	70	75 44	84 52	75 53	86 59	90 61	87 61	84 61	83.8
ALDEN CAA AP	MAX MIN	85	93	101	101		99	85 69	90	89	82	79 51	82 52	90	97	99	94	91	92	97	90 67	76 53	73 46	76 46	84 51	86 57	89	93	93	84	81	89.1
ARBLE HILL	MAX	87		104				83	90	89	87	80	B4 42	92	96 47	95 51	98	95 58	89	97	91 68	75 56	74 41	76 38	84	83	88	90	92 58	85 69	81	23.6
	MAX MIM																															
ARSHFIELO	MAX						97							89 57			95 72	91	92	99 73	98 69		72 42	79 51					92 58			88.6 62.1
ARYVILLE	MAX MIN	90	91	86	97	93	95 65	90	76	73	74	77	82	85 64	78	73	86	92	92	86	82 55	74	72	80	81	76 55	86	90	81		72	83.0 57.5
EMPHIS	MAX MIN	79	86		92		96	95	85		74	74 48	81	80	88	78	72	90	96	92	83	89	66	73 38	76	85 50	80	90	90	83	85	63.5
	MAX MIN	80	90	100	96	104	102	99	89	86	86		80	87	92 66	84	81	100	97	94	96 60	87	68	72	78,	85 60	72	86	91	92	85	87.9
DBERLY RADIO KNON	MAX MIM	86	96	89	99	98	96	90	80	77	75	79	84	89 58	80	75	96	94	92	89	89 61	65		75	85	73 61	86	91	82	86 63	75	58.6 84.7 58.8
DNFTT	MAX			00	00	0,	0,9		,,			40		,,,	-	,								70		0.1			0,	0,5	03	30.0
DUNTAIN GROVE 2 N	MAX MIN	91	100	102	101	100	98	89	91	89	83	83	84	89	96	96	96 67	92	94	98	98	93	76	77	87	89	88	92	92	75 63	81	90.7
DUNT VERNON 3 SW	MAX	95	101	102	102	100	99	90	91	85	79	80	87	89	90	96	98	93	95	98	99	72	74	79 46	87	87	86	94	90	81	81	90.0
EO SHO	MAX	97	100	101	101	99	98	98	93	90	82	82	88	90	89	96	97	95 59	93	98	99 79	96	76	84	89	90	88	92	90	87	84	92.1
EVACA	MIN	99	103	104	104	102	102	99	94	90	81	45 85	90	92	87	95	99	96	97	102	102	80	77	84	89	90	88	91	93	63 88	78	92.7
EN FLORENCE	MIN	90	99	94	103	102	101	90	85	80	75	78	82	92	89	84	99	97	92	94	81	65	69	76	84		86	88	91	63 85	85	87.0
@EGO4	MAX	88	93	89	97	92	96	83	80	75	75	77	83	84	77	75	59 91	92	92	85	81	70	73	83	79	63 71	87	89	79	83	65	59.7 82.8
	MIN	60	73	6.8	75	71	72	F4	55	61	51	55	59	67	67	55	61	70	71	62	56	40	41	50	00	59	51	62	63	65	51	60.5

																D	01	1.6										-				
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Monti	n 18	19	20	21	22	23	24	25	26	27	28	29	30 31	Average
OZARK BEACH	MAX	90	94	104	106	105	107	100	90	96	92	85	85	89	95	100	101	101	95	97	100	101	97	87	87	90	20	91	97	90	76	94.7
PERRYVILLE	MIN	86			103			66 87	88	90	85	79	82	90	97	92	97	94	90	61 98	93	73	71	76	85	79	86	90	92	58 85	82	55.5
POPLAR BLUFF	MIN MAX MIN	83	58 89	97		103		70 92	92	91	90	52 88	82	85	92	97	58 98 58	98	94	72 92 70	100.		78	76	78	85	90	91	92	72 93	86	91.1
PORTAGEVILLE	MAX	51 86 59	52 92 56	59 101 63	101	59 103 68	101	68 88 70	64 90 69	92	68 88 67	53 82 53	82 51	47 90 54	95	55 97 58	94 65		93	98 74	74 93 72	58 92 62	45 73 49	43 77 47	85 49	50 88 57	90	92	62 92	90	81	90.6
PRINCETON	MAX	87 56	94	93	98	98 66	95	93	82 53	78 60	74 51	85 46	83	88	56 87 59	74	91 59	94	94	89 60	88 45	80	74 34	78 39	83	80	58 89 43	91 48	67 89 65	70 88 64	79 57	61.8
ROLLA SCHOOL OF MINES	MAX	80		102	102	104		102	81 63	88	89 57	77 51	80	63 85 58	91 69	51 97 60	93	98	95		101	95	72 46	74 45	80	89	88	85	93	95 63	82	90.2 61.7
SAINT CHARLES	MAX		103	97		106		88	86 59	87	80	80	83	94	98		100	99	95	98 72	78 62	69	72 47	77	85	79 63	87 63	90	90	87 72	82 68	89.2
SAINT JOSEPH WB AP	MAX MIN	91 63	93 73	94	98 75	95 71	96 70	84 69	85 58	75 60	74 54	79 53	85 60	88	76 62	76 57	95 63	94	94	87 65	83	65	75 40	83	83	72 58	86	90	90 67	84	65 54	84.2
SAINT LOUIS W8 AP	MAX MIN	90 59	100	97 73	104	103	101	79 67	84 59	86	72 58	77 53	83	91 60	95 66	84	98 63	95 69	92	94 60	76 61	66	70 48	76 47	82 52	73 64	85 63	88	90 69	85 72	81	86.6
SAINT LOUIS WB CITY	MAX MIN	89 65	99 68	96 75	102 75	102	101 79	83 71	82 61	86	72 60	75 56	81	89 63	94 71	84	96 67		89	95 60	74 63	66	67 51	74 54	83	72 66	82 65	87 63	90 71	84 73	81 71	85.6 65.5
SAINT LOUIS UNIVERSITY	MAX MIN	88 64	100	96 76	103 76	103 78	101	90 75	84 61	86	81	77 56	80 58	90 63	95 70	85 59	97 66	94 74	90	95 69	75 60	66	69 50	74 52	83 56	78 66	83 65	86 61	91 71	84 73	81 70	86.8
SAINT LOUIS WASH UN1	MAX MIN	82 58	90 62	102	97 68	105	105	104 72	77 60	85	87 59	74 53	79 54	84 57	92 65	96	85 60		98	94 75	97 60	75 55	67 48	71 46	76 49	85 61	76 63	84	88 68	90 73	84 70	67.6 61.9
SALEM	MAX MIN	79 48	87 57	97 67	99	100	99	97 67	78 62	85	86 56	77 45	77	81 48	88 58	95 53	92 57	94 60	92 65	91 70	98 66	73 51	69 40	71 37	77	86 58	81 62	84	90 55	92 63	75 62	86.3 56.1
SAL ISBURY	MAX MIN	89 56	97 65	92 65	100	99 65	98 66	87 66	87 52	81	78 52	81 48	86 51	91 59	82 63	80 52	97 57	97 65	92 69	94 65	90 61	78 50	75 41	80 42	85 52	75 61	90 55	92 53	92 67	86 64	78 63	87.6 58.4
SAVERTON L AND 0 22	MAX MIN	90 56	100	91 65	103	103 72	100	88 68	81 56	82 62	76 55	75 53	78 51	90 63	87 65	74 58	94 61		94	91 64	80 58	70 51	67 45	73 43	85 49	82 60	86 58	89 54	80 64	87 63	78 65	85.7 59.9
SEOAL1A	MAX M1N	92 57	99 66	99 70	101	100	98 71	97 71	86 58	85 56	83 51	79 47	87 55	91 61	88 66	82 52	98 61	97 71	93 70	97 69	93 62	75 48	72 43	79 48	85 56	83 60	85 56	91 58	92 67	83 62	8 <b>0</b> 62	89.0 60.5
SELIGMAN	MAX MIN	91 58	99 58	101	100	98 72	98 71	87 66	90 67	84	78 56	79 52	87 55	87 58	91 65	94 64	98 70		90 68	95 73	97 78	90 55	74 44	80 43	85 60	83 60	84 63	92 62	90 70	88 61	81 61	89.5 62.7
SEYMOUR 4 NNE	MAX																															
SHEL81NA	MAX MIN	85 51	95 60	93 60	98 60	97 63	95 62	92 64	79 52	80 60	73 50	76 42	83 47	89 56	89 61	80	97	95 67	93 70	90 64	85 58	79 49	70 42	76 39	85 48	80 55	87 56	89	86	85 64	77 63	85.9 56.3
SIKESTON	MAX MIN	81 54	81 54	94 65	102	102 65	104	102 71	87 67	92 58	90 67	82 51	80 50	84 51	92 52	95 59	97 64	96 68	94 70	91 73	100 73	80 59	75 47	74 45	78 49	81 52	82 59	90 59	92 63	93 70	84 68	89•2 60•5
SIKESTON CROP EXP FARM	MAX	85 53	92 54	101	100	102	101	88 68	90 66	89 58	82 67	78 52	81 50	90 50	94 54	96 56	95 61	93 64	89 68	98 70	82 70	73 59	71 46	75 45	82 48	86 53	88 60	91 57	92 64	83 66	80 68	88.2 59.3
SPRINGFIELO W8 AP	MAX	93 59	100	100 66	100 67	98 70	97 71	·85 67	90 64	84 67	77 55	78 51	84 56	88 56	88 64	93 59	95 68	91 65	91 70	96 72	97 67	68 52	72 47	77 50	85 52	85 60	84 66	90 61	88 68	76 63	82 63	87.7 62.0
STEFFENVILLE	MAX	84 56	93 65	86 60	95 64	95 69	94 69	89 66	76 51	79 57	73 52	75 46	80 48	88 60	82 66	79 63	93 56	94 69	70	85 59	82 54	73 48	69 40	74 39	83 51	76 53	85 51	88 58	84 63	84 62	82 64	83.7 57.6
SWEET SPRINGS	MAX M1N	94 50	101 65	100 67	102 64	100 65	100 65	91 67	86. 56	84 65	78 51	81 43	89 53	93 61	84 65	81 49	100 59	97 63	95 71	98 67	94 62	79 49	76 37	81 41	89 51	78 62	89 55	95 46	96 66	87 63	78 62	89.9 58.0
TARK 10	MAX	90 60	92 69	89 64		95 64	96 66	85 63	79 52	74 60	75 49	79 50	84 56	89 67	78 61	76 55	86 61	92 63	94 67	84 58	83 51	72 45	75 35	82 46	81 55	79 51	88 46	90 56	80 63	76 62	63 50	83 • 5 57 • 1
TRENTON	MAX	88 58	94 67	8 9 6 5		96 68	95 67	90 70	83 55	78 60	77 53	81 59	85 60	89 59	84 64	76 53	92 59	94 67	93 69	90 62	88 56	80 49	74 40	79 44	84 51	80 55	89 52	91 56	87 65	85 65	80 60	86 • 3 59 • 1
UNION 1 SE	MAX	9? 49	104 55	101 62	106 59		105	90 67	85 58	88 51	77 57	,81 45	83 43	93 47		87 56	100 53	98 58	95 67	101 75	80 63	67 53			86 42	75 59		89 57	95 63	89 69	82 67	89.5 56.5
UNIONVILLE	MAX	85 59	90 68	61	70		94 69	83 65	78 50	74 61	71 54	77 50	80 55	87 63	79 62	69 57	86 55	92 66	90 69	85 59	87 49	75 46	70 40	76 42	82 54	76 51	86 56	88 60	82 63	83 63	76 57	82.6 58.1
VANDALIA	MAX	59	101	65		67	73	87 70	82 54	61	76 53	77 48	85 51	92 58	88 67	78 55	98 60	96 67	94 71	93 68	85 61	70	70 43	76 46	84 45	7 <b>6</b> 60	86 60	88 59	87 70		82 65	87.3 60.2
VERSAILLES	MAX	52	67	63		73		96 71	85 58	83 64	76 51	79 44	55	89 59	83 67	83 49	98 60	93 68	90 66	99 68	94 65	73	73 41	78 47	87 54	79 58	84 54	91 59	92 68	83 56	79 64	87.9 59.5
VICHY CAA AP	MAX	56	68	71		72	73		85 59	59	74 54	77 48	- 1	89 59	94 62	89 53	96 64	93 68	69	67	63	69 49	69 44	80 47	50	75 65	83 64	91 60	94 68	83 62	80 64	88.1
WAPPAPELLO DAW	X A M N I M	57	59	67	104	66	68	69	65	88 59	87 66	54	81 55	82 55	90 57	96 61	62	95 65	92 69	70	97 71	89 59	74 48	75 49	75 51	84 56	86 62	60	65		75 67	61.8
WARRENSHURG CENT T COL	MAX	61	69	71	73	73	74	93 71	59	68	80 55	82 54		92 65	88 69	83 54	62	97 73	72		93 64	78 51	74 46	82 50	86 57	82 64	87 57	95	94 67	64		90.5
WARRINTON 1 N	MIN	53	62	64	69	79	72	98 67	53	58	80 52	46	45	89 55	88	52	96 52	96 72	92 69	95 71	57	49	68	71	43	82 56	84 58	86 58	84 62	63	80	86 .6 58 .2
MAR'AW NO 1	MAX	52	60	62		64	63	68	93 60	65	52	46		95 60	64	52	102	67	65	105	70	72 51	78 41	86 42	92 45	60	87 48	95	93 64 94	85 64 72	79 62	92.8 58.3 90.8
#A' ,	MAX	53	59	68	103	68	70	68	93 62	60	57	50	87 52	90 55	98 60		98	68	68		69	73	76 45	45	88 49	60	90 63	60	65	72 60 82	80 60	60.8
al III P	MAX	46	5 3	59	104	61	61	66	90 62	56	57	43	43		55		55	96 61	69		68	53	77 37		91	85 58	62	96 46	65	64 82	64	55.9
ATT 7 1,	414	55	63	7 )	104 68	70	71	69	68	57	57		51	57	96 62	58	97 62	96 74	70	72	75 59	53			83 48 85	62	61	64	65	71	67	61.7
	MIN	>4	53	67	7.	14	BO		60			54	50		9B 66		6	71	6.8			5 A		45			63			71		62.5

DAILY TEMPERATURES

MISSOURI SEPTEMBER 1954

Table 5 - Continued Average Station 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 3 4 5 6 7 96 93 91 57 62 71 EST PLAINS 90.8 56.7 98 95 92 89 82 80 84 90 96 95 95 92 91 98 90 73 74 79 86 90 88 92 94 76 80 58 64 59 57 56 42 42 43 47 60 54 58 67 67 70 58 40 39 39 48 60 50 56 63 56 ILLOW SPRINGS 99 89 86 84 78 81 88 91 85 85 99 96 93 100 96 75 74 81 86 79 86 92 90 82 76 71 70 59 68 52 52 56 60 67 54 63 68 69 69 63 50 47 50 53 62 57 57 67 63 65 INDSOR 3 NH 94 101 102 102 100 57 66 71 68 70 89.0

### EVAPORATION AND WIND

Section																1	Day o	f mor	nth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave
CLUMBIA WB AP	EVAP WIND MAX MIN	28		45 94		95	20 94	40 89	52 86	78	76	29	46 83		28 79	33 82	51 92	30	39 89	36 91	64	111 72	28 76	25 77	50	76	27	14 85	37 84	48 85	81		6.03 1257 84.6 60.5
LAKES:DE	EVAP #IND								.14					.23																	.18 72		6.89
SAINT LOUIS WASH UN!	EVAP WIND						.39							.22										.12		.13		.13		·15			5.568 532

MAX AND MIN IN TABLE 6 REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED DURING THE 24 HOURS ENDING AT TIME OF OBSERVATION.

Table 6

	_						101										0		EPTEMBER 1954
Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	ion	Refer to tables	Station	Index No.	County	Drainage;	Latitude	Longitude	Elevation	vat	Observer	Refer to tables
Advonce 5 ESE Albony Alton Amtty Amsterdam	0051 0127 0143	Stoddard Gentry Oregon DeKalb Bates	1 4	37 06 40 15 36 42 39 52 38 21	94 26	860 1820	5P 6P 8P	5P Neilo Moroni 6P Stllium J. Butler 7A Edna E. Hall 7A O. M. Colhour MID R. A. Kersbner	2 3 5 C 2 3 5 C 2 3 5 7 C	Koshkonong La Bells Lakeside Lamar Lampe Forest Service	4637 4694 4705	Oregon Lewis Millsr Sarton Stono	6 9	3S 35 40 07 38 12 37 30 36 34	92 37 94 16	595	6P 7A 7A		2 3 5 3 2 3 5 6 7 ¢ 1 2 2 5 7
Anderson 1 SW Annapolis 7 SW Appleton City Arcadia Ashton 1 W	0179 0204 0224	McDonald lron St. Clair Iron Clark	8	36 38 37 20 38 12 37 35 40 27	94 27 90 47 94 02 90 37 91 49	1000 800 926	6P 5P	7A Ruth C. Rawkins 7A Opal G. Rutter 6P F. Paul Eyo 7A Arcadia College MID Glen A. Woodruff	2 3 5 7 3 2 3 5 C 2 3 5 C	Lampe 4 NNE Lathrop 3 Ss Lebanon 1 ENE Lees Summit 1 N Loxington	4773 4825 4846	Stone Clinton Locisde Jackson Lafayette	9 7	36 38 39 31 37 41 38 56 39 11	93 24 94 23 92 39 94 23 93 53	1080 1240 688	6P 6P	MID Mra. A. O. Rogers 6P Cecil F Haya 7A Brodia D. Barnett MID Beajemin F. Smith 7A William B. Cullom	2 3 5 2 3 5 C 2 3 5 7
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Hermitaga Wigboe 5 B Mighpoint 2 B* Moreorevilla Mouston Mouston 1 BF	3935 3845 3995 4015	Wickory Woward Wontteau Dunktin Tasas	10	38 28 36 03	93 19 82 30 92 37 90 06 91 58 91 58	-		MID Milds M. Hargis MID Mrs. John E. Outchor MID Sallio E. Perktos 6P The Houston Herald	2 3 5	Speed 2 W Spring City Springfteld WB AP Stanberry Steelville 2 N	7967 797h 8003 8043	Cooper Newton Greene Gentry Crawford	9 4	36 00	93 23 94 33 91 22	_		MID Richard E. Stegner MID Gladys J. Cameron MID U.S. Weather Buron MID R. Truesan Sagers 7A Afred E. Goodman	3 C
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#### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Station Index are in local standard time.

Delayed data and corrections will be carried only in the June and December issues of this bulletin.

Montbly and seasonal snowfall and heating degree days for the preceding 12 months will be carried in the June issue of this bulletin.

Station names appearing in tables, but for which data are not listed, are either missing or received too late to be included in this issue.

Unless otherwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and evaporation in inches, and wind movement in miles Degree days are based on a daily average of 65°F. Evaporation is measured in the standard Weather Bureau type pan of 4-foot diameter unless otherwise shown in footnote following Table 6.

Sleet and bail were included in snowfall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and snowfall data in Table 7 are for the 24 bours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Weather Bureau and CAA stations. For these stations snow on ground values are at 0630 CST. "WTR EQUIV" in Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samples are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- Data in the column formerly headed "No. of Days .01 or more" have been changed to "No. of Days .10 or more" effective January 1, 1954.

  No record in Tables 3, 6, 7, and the Station ladex. No record in Tables 2 and 5 is indicated by no entry.

  And also on a later date or dates.

  Amount included in following measurement, time distribution unknown.

  Gage is equipped with a windshield,

  Adjusted to a full month.

  Data for recorder stations, denoted by "C", are processed for special purposes and published later in Hourly Precipitation Data.

  E water equivalent of snowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inches of new snowfall.

  M One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

  R Amounts from recording gage. (These amounts are essentially recurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

  T Trace, an amount too small to measure.

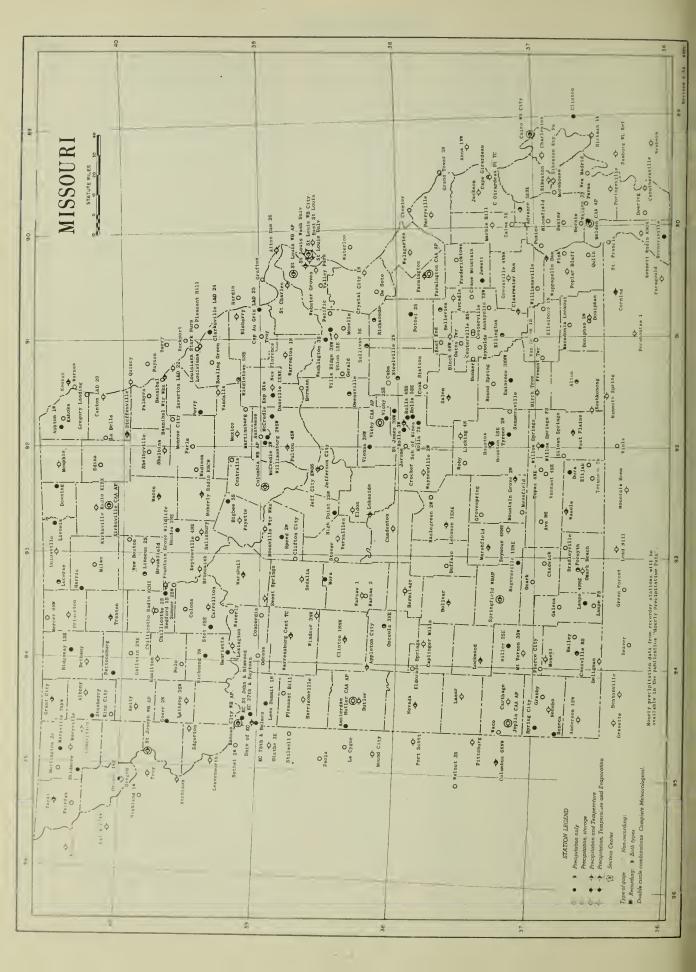
  Includes total for previous month.

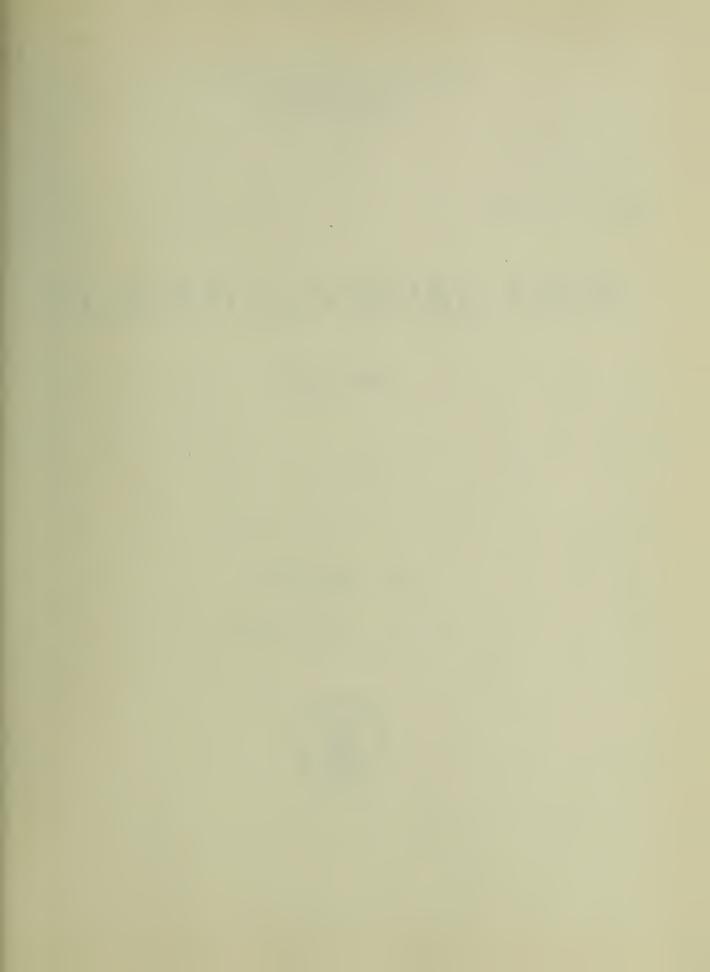
  Shis entry in time of observation column in Station Index means observation made near sunset.

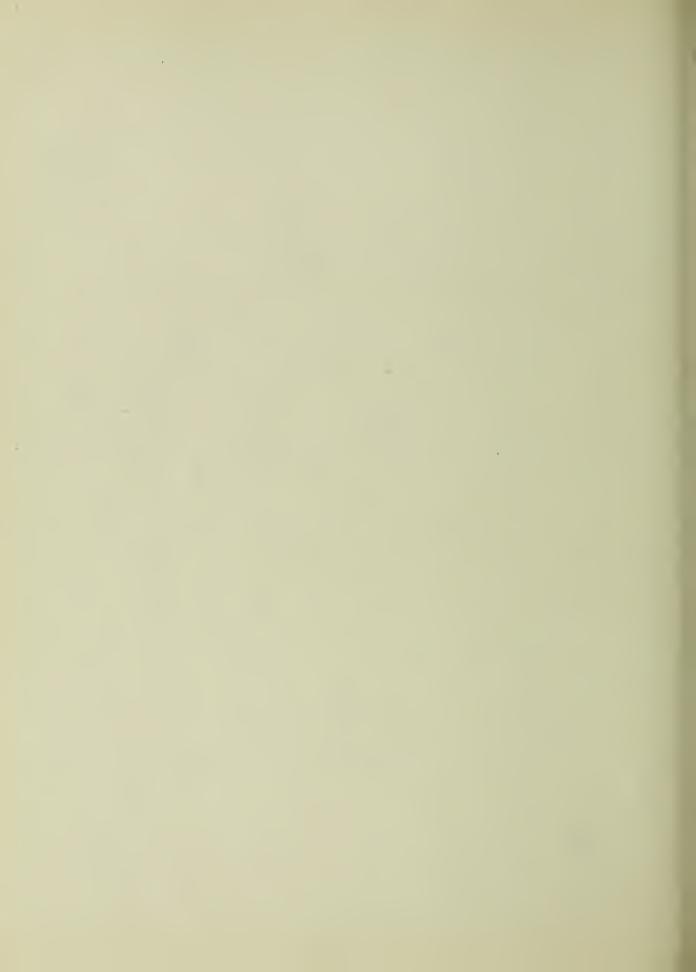
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W.R.P.C., Kansas City, Mo., -- 11-.7-54 -- 940

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U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary

WEATHER BUREAU

F. W. REICHELDERFER, Chief

JAN 10 1985 UNIVERSITY OF ILLINOIS

## CLIMATOLOGICAL DATA

**MISSOURI** 

OCTOBER 1954

Volume LVIII No. 10



#### MISSOURI - OCTOBER 1954

#### WEATHER SUMMARY

Above normal rainfall following a dry September brought general relief to pastures and forage crops. Water reserves were strengthened by replenishments to ponds, lakes, streams and wells. Temperatures were unusually high during the first half of the month and in contrast unseasonably low during the last half.

Except for a brief period of cooling on the 6th and 7th the first half of the month was unusually warm with daily mean temperatures sometimes 10 to 18° above normal. However periods of cooling later presented a similar contrast on the cold side resulting in an average temperature for the State of 58.6°, 0.9 of a degree above normal. Periods of warming were from the 1st to the 5th, the 8th to the 13th and the 23d to the 26th. Highest mean temperature was 64.0° at Caruthersville. Maximum temperatures were 90° or above in the north and southwest on the 3d and 4th and on the 3d, 4th and 5th in the southeast. The highest temperature recorded was 98° at Koshkonong in the extreme south central on the 5th. Periods of cooling were from the 4th to the 6th, the 14th to the 21st and the 27th to the 31st. Lowest mean temperatures were mostly in the upper 20s in the north and southwest and in the upper 20s and low 30s in the southeast on the 30th and 31st. The lowest temperature in the State, 20° occurred on the 31st at Albany, Bethany, Grant City and Princeton.

Periods of precipitation were from the 1st to the 6th, the 10th to the 14th, and the 24th to the 31st. Rainfall also occurred from the 20th to the 22d in the northern and southwestern divisions. Totals for the month were 3 to 9 inches in the north, 5 to 9 in the southwest and 3 to 5 in the southeastern section of the State. Amounts were light from the 27th to the 31st and a trace of snowfall occurred over the State except the extreme southwest from the 29th to the 31st. The State average was 5.35 inches, 2.41 above normal with Warsaw #2 in the southwest central recording the greatest monthly total, 10.27 inches and Bernie in the southeast recording the least with a total of only 1.99 inches.

Intermittent periods of no rain with mild temperatures and brief periods of moderate rainfall provided a favorable balance for harvesting matured crops in short amounts and to accelerate the growth of fall plantings. Above normal rainfall following a dry September brought general relief to pastures and forage crops. Water reserves were strengthened by replenishments to ponds, lakes, streams, and wells. At the end of October the corn crop was estimated at 71,214,000 bushels compared with 136,412,000 harvested in 1953 and the average yield of 149,527,000 bushels. The soybean crop was estimated at 28,448,000 bushels compared with 25,536,000 bushels harvested in 1953 and the 10 year average of 17,372,000 bushels. The bean harvest was nearly completed by the end of October. The above crop estimates were by the U.S. Department of Agriculture. Below freezing temperatures over the entire State on the 30th and 31st generally temminated the growing season.

M. G. Talcott

## SUPPLEMENTAL DATA

MI550URI OCTOBER 1954

	Wind	direction		Wind m.	speed p. h		Relati		idity ave	rages -		Numi	oer of de	ys with	precip	itation			100
Station	Prevailing	Percent of time from prevailing	Average	Fastest	Direction of fastest mile	Date of fastest mile	12,30A CST	6130A CST	12:30P CST	6: 30P CST	Trace	-10.	.1049	.50–.99	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover
CLUMBIA WE AIRPORT	5SW	11	9.7	43	W	15	78	84	60	67	6	5	3	2	0	1	17	50	6.0
NSAS CITY WE AIRPORT	S	18	11.0	35	5W	10	74	81	59	61	6	1	3	3	2	0	15	45	6.5
. JOSEPH WB AIRPORT	-	-	-	-	-	-	-	-	-	-	3	4	6	0	1	1	15	-	-
LOUIS WE CITY	NWT	11†	11.0	36	5 W	11	80†	84†	55†	66†	5	5	3	2	1	0	16	57	5.6
RINGFIELO WE AIRPORT	s	23	13.9	38	NW	11	84	85	64	73	6	2	3	1	4	0	16	56	5.6

†--airport data

COMPARATIVE DATA

OCTOBER

	Т	emperatu	re	P	recipitatio	on.		Te	emperatu	re	Pr	recipitatio	on		Te	mperatu	re	P	recipitatio	on
Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowest	Average	Average		Year	Average	Highest	Lowert	Average	Average	
888 889 890 891 892	53.8 53.8 54.8 55.7 57.5	89 91 91 92 95	24 22 20 20 18	2.72 2.32 2.35 1.05 2.40	0.0		1913 1914 1915 1916 1917	54.7 59.2 59.8 58.0 49.8	93 88 95 95 93	11 19 22 20 12	4.65 4.59 1.22 2.12 1.15	3.3 0.0 0.0 0.3 0.2		1938 1939 1940 1941 1942	63.9 61.1 63.0 61.6 58.0	99 100 94 92 90	19 19 28 20 13	1.23 1.89 1.73 10.14 2.97	0.0 0.0 0.0 T	
893 894 895 896 897	56.7 57.8 51.2 54.1 62.5	95 94 89 90 99	18 18 14 19 23	1.12 1.82 0.42 2.48 0.74	T T 0.0 0.0		1918 1919 1920 1921 1922	80.8 58.4 61.3 57.9 59.9	95 98 93 92 97	28 17 18 24 18	3.45 7.07 3.14 2.15 2.04	0.0 0.0 T 0.0 0.0		1943 1944 1945 1946 1947	56.3 59.6 58.8 61.1 65.2	90 92 85 92 94	19 25 23 24 29	3.23 1.68 2.18 3.02 3.83	0.0 0.0 0.0 0.0	
898 899 900 901 902	53.5 62.4 62.4 80.1 59.5	95 100 92 96 88	19 25 25 24 23	4.35 3.16 3.96 1.69 2.41	1.4 0.0 0.0 0.0 0.0		1923 1924 1925 1926 1927	53.0 81.8 48.6 57.3 60.9	89 92 92 93 93	17 21 - 3 21 26	3.55 1.22 4.98 4.73 4.59	0.1 0.0 2.4 0.0 0.0		1948 1949 1950 1951 1952	55.8 59.3 63.2 58.4 53.3	86 93 93 92 96	18 17 26 26 7	2.40 6.09 1.12 3.77 0.30	O.O T T T	
903 904 905 908 907	57.3 57.6 55.1 56.3 56.7	90 90 90 94 94	19 19 20 17 18	3.06 0.88 4.85 1.06 2.93	0.0 0.0 0.3 0.0		1928 1929 1930 1931 1932	60.9 57.2 55.3 61.7 55.7	94 91 92 95 90	22 23 11 27 22	3.82 5.36 3.09 3.37 3.54	0.0 T T 0.0 0.0		1953 1954	61.1 58.6	99 98	21 20	2.02 5.35	T	
908 909 910 911 912	56.3 57.2 59.4 58.9 59.1	92 96 94 96 97	21 20 15 25 21	2.39 2.72 2.97 3.16 3.78	0.8 T 0.0 0.2 0.7		1933 1934 1935 1936 1937	56.4 61.1 57.1 56.7 56.3	86 90 90 89 98	23 24 21 20 15	2.90 2.50 3.47 3.55 2.44	0.0 0.0 T T								

verages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

				Ten	npera	ture									P	recip	itation			,	
				iai				85		No. c	of Da	tys .		[s]	J.		Snow,	Sleet, F	loil	No	of De
Station	e 15	₽ 目	و ا	ture Normal	1st			Days	1/	ſax.	2	Aln.		ture Normal	st Day			Max. Depth on Ground		e	More
	Average	Average Minimum	Average	Departure From Nor	Highes	Date	west	Degree	10	10 01	32° or Below	No No	Total	Departure From Non	Greatest	Date	Total	Gro	le le	or More	AC.
	ĄΣ	¥Σ	Ą	D	X	ã	Low	ă ă	90	333	322	Ba	T	D,	ű	ã	T,	N n	Date	2	1.00
NORTHERN DIVISION														}							
AL SANY AMITY	66.8		56.7		87 88	3	20 3 22 3			0 0		0	3.66 8.27	0.87	1.09	10	0.0 T	0		8 8	2
8ETHANY 8ROOKFIELO	66.6	46.0	56.3	1.5	87	3	20 3 25 3	1 31	3 0	0	) 4	0	3.09	0.17	1.11	5	0.0	000		8 5 5	2
BRUNSWICK CANTON L ANO O 20	67.4	49.2	58.3	3.0	91	3	27 3	1 27	1 1	1 0	1	0	5.70	2.70	2.80	4	0.0 T	0		6	3
CARROLLTON	66.5	47.8	56.0	~ 2.8	92	3	25 3	1 30	2 1	1 C	2	0	5.60	3.34	1.95	5	0.0	00		.8	4
CHILLICOTHE RADIO KCHI COLUMBIA WB AP CONCEPTION	R 68.2	48.8	57.5 58.0	- 0.1	93	3	23 3	+ 28	5 1	0	2	0	6.06 4.85	1.64	2.94	11	0.4	0	31	6	3
EOGERTON	67.6	48.3	57.5M 58.2	1.9	98 92 92	3	21 3 21 3 27 3	27		ı u	3	0	2.89	0.01 2.35 2.88	0 · 88 1 · 72 1 · 73	5 14 12	0.0 0.0	0 0		7	3
FAYETTE FOUNTAIN GROVE WILOLIFE	70.4 67.7	48.4	58.7	1.7	91	3	?6 3 22 3	28	5 1	1 6	2		3.95	1.06	1.48	4	Т	0		6 7	3
FULTON 4 SW GRANT CITY	68.0	47.6	56.2M	1.2	92	3 4 3	30 3	1	] ]	L U	2	0	6.86 4.30	0.88	1.87	12	7.0 T	0		8	2
HAMILTON HANNIBAL WATERWORKS	65.0	46.5	55.6	0.5	90 92	3	24 3 25 3	30	9 1	0	2	0	8.00	3.23 4.93	2 · 41 3 · 52 1 · 35	5 4 10	0.0	000		6	5
KANSAS CITY WE AP	R 67.5	51.3	56.4 59.4 58.2	- 0.2	93	3	30 3	24	7 1	0	1	0	4.36 5.10 5.67	1.97 2.17	1.47	13	Ť	00		8	5
KIRKSVILLE RADIO KIRX KIRKSVILLE CAA AP	65.3	44.6	55.0	0.3	90	3	72 3 21 3	35	2 ]	0	5	0	3.73	0.57	1.49	4	0.0	0		8 4	2
LATHROP 3 SW	67.2	45.8	54.7	, ,	88	3	26 3	301	B 0	0	4	0	5.76	1 67	1.98		0.0	0		6	4
LOUISIANA STARKS NUR MACON MARYVILLE	69.0	44.3	57.5	- 1.4	90	3 4	26 3	ı	1	0	3	000	7.07	1.57	2.00	11	0.0 T	0		7 7	4
MEMPH1S	64.9	M 42.4M	55.6 53.7M	2.1 - 3.0	88	3	20 3		0	0 0	3	0	3.61 5.68	0.64 3.75	2.75	5	0.0	0		6	3
MEXICO MOSERLY RADIO KNCM	67.6	47.2	57.2M 57.1	0.9	92	3	30 3	301		0	2	0	5.55	2.48	2 • 83	12	0.0	0		7 6	5
NEW FLORENCE OREGON	67.9	47.7	58.0	2.0	91	3	27 3	28	9 1	1 0	3	0	3.96 5.19	2.44	2.66	12	T	0		9 7	3
PRINCETON SAINT CHARLES	71.0	49.7M	56.3 60.4M	2 • 2	93	3	20 3	250	5 3	3 0	2	0	4.42	1.20	1.90	5 11+	T T	0		5 8 8	3
SAINT JOSEPH W8 AP SALISBURY	R 66.5	47.5	57.3	- 0.8	91	3	25 3 26 3	28	9 1	0	2	0	6.04	3.51	3.17 2.28	3 4	T	0		8 8 7	5
SAVERTON L ANO O 22 SHEL8INA	68.1	46.5	57.8 57.1	- 0.8	93	3	28 3 26 3	30	9 1	0	4	0	6.20	0.58 3.59	2.30		T	0		7	5
STEFFENVILLE TARKIO	66.8	46.3	56.6 56.8	- 0.8	91	3	24 3 21 3	301	1	0	3	0	4.56 3.47	1.83	1.70	5	0.0	0		6	2
TRENTON UNIONVILLE	68.2	M 44.6M	58.3M 53.9M	- 1.3	90 88	3	22 3			0	2	0	5.09	1.96	1.38	5	0.0 T	00		6	2
WARRENTON 1 N	66.9		57.2 57.8M	1.8	91 90	3	30 3 27 3						5.49 4.68	1.24	1.49		0.0 T	0	30	10	5
OIVISION			57.1	0.9									5.13	2.46			Т				
SOUTHWESTERN OIVISION																					
ANOERSON 1 SW APPLETON CITY	71.9		59.5	0.8	91	3+	24 3						4.24	0.35	1.14		0.0	0		6	4
80LIVAR 800NVILLE WATERWORKS	70.1	50.4	59.8	1.5	93	3+	27 3	236		0	2	0	7.16	6.15 3.91	3.75 2.26	26	0.0	0		11	4
BUTLER BUTLER CAA AP	65.7	50.8	56.8	- 2.6	91	3	29 3	)+ 230		0	2	00	5.48 7.63	2.26	1.35 3.55	12	0.0	0		8 7	5
CAMOENTON CAPLINGER MILLS	67.8	43.8	58.5		91	3+	28 3	309	9 2	2 0	6	0	8.94	2 22	3.53	11	0.0	0 0		10	0 4
CARTHAGE CLINTON 1 NNW	70.2	52.2	61.7	0.1	90	3+	28 3	20:	2 2	2 0	2	0	7.25	3.37	2.03	12	0.0	0		10	5
ELOON HARRISONVILLE	68.9	48.4	58.8	1.4	91	3	25 3	275		0	2	0	8.92 6.52	2 • 82	2.50	11	0.0 T	0		9	6
HERMITAGE JEFF CITY RAOLO KWOS	68.9 70.2		58.6M 57.5	2.5	92	1+	24 3		2 1	0		0	7.01	4.04	1.70	11	0.0	0		10	5
JOPLIN CAA AP KANSAS CITY UNI OF K C	69.4		61.1	0.9	89	3+	31 3			0	2 2	00	8.71	5.26	3.40	11	0.0	0		8	5
LAKESIOE LAMAR	70 - 1	48.5	59.3	- 1.9	93	4	26 3		4		1	0	5.13	3.27	1.64	11	0.0	0		10	2
LEBANON 1 ENE LEXINGTON	68.5	49.4	59.4 59.6	1.9	90	6	28 3	258		0	2	0	8.95 5.76	1.99	1.15	12	0.0	0		9	5
LOCKWOOO MARSHALL	71.0		57.6 61.3	0.1 2.6	93	3	26 3		2 2				6.91 7.90	3.88	1.77		0.0	0		10	7
MARSHFIELO MONETT	68.6	50.4	59.5		90	4	27 3	250	) 1	. 0	2	0	8.49		2.98	26	0.0	0		10	4
MOUNTAIN GROVE 2 N MOUNT VERNON 3 SW	69.6		59.6	2.0	90	4	28 3					0	4.40	0.94	2.05		0.0	0		4	4
NEOSHO NEVAOA	69.2	50.3	60.0	2.3	90	3+	28 3	196	2	0	2	0	7.40	3.71	1.96		0.0	0		12	7
OZARK BEACH SEOALIA	71.1	M 48.6	61.5 62.0M	3.9	92	3 2+	28 3		6	0	1	0	8.04 5.39	1.52	2.81	12	0.0	0		9	5
SELIGMAN	68.6	M 50.2M	59.1 60.0M	1.4	90 87	3+	25 3	237		0		0	5.53	2.85	2.18	12	0.0	0		7 7	3
SEYMOUR 4 NNE SPRINGFIELO W8 AP SWEET SPPINGS	R// 67.3		58.5	0.1	88	3	30 3:	268				0	5.04	1.56	2.27		0.0	0.		6	3
VERSAILLES WARPENSBURG CENT T COL	69.2	M 47.1M			94	3	25 3	+ 316	5	0	2	0	4.62		1.96		0.0	0		7	2
MARSAN NO 1	68.8	49.0	60.1	2.0	92	3	27 3:	242	2	0	2	0	6.28 9.05	3.26 5.25	1.57	11	0.0	0		8	5
WAYNESVILLE 2 W	70.6	47.2	59.0		91	3+	27 3	277	3	0	4	0	3.91 5.61		2.43	11	0.0	0		10	3
OTVISION	67.7	50.2	59.0		89	3	27 3	260	0	0	2	0	7.50		3 • 25	12	Т _	0		9	5.
ADJTHEASTERN OLVISION			59.5	1 • 1									6.89	3.76			Ţ			1	
		1													,						
ADVANCE ' SE	71.4	47.5	59.5	0.3	92	4	28 1	261	3	0	4	0	4.71	2.10	3.44	25	0.0	0		6	1

BIF 2. CONTINUED

ABLE 2 - CONTINUED																				OC T	OBER :	1954
					Ten	npera	ture									P	recip	itation				
					-65					85	No. o	of D	àуз		70	<b>&gt;</b>		Snow,	Sleet, 1	lail	No. of	Days
Station		Average	Average Minimum	Average	Departure From Normal	Highest	Date	Lowest	Date		Max Above 32° or	ı,	Min.	Total	Departure From Norm	Greatest Day	Date	Total	Max. Depth on Ground	Date	.50 or More	1.00 or More
ARBLE HILL LERYVILLE OPLAR BLUFF ORTAGEVILLE OLLA SCHOOL OF MINES AINT LOUIS WE AP	N N N N N N N N N N N N N N N N N N N	71.9M 70.9 74.5 71.6 71.2 69.5 72.1 69.5 72.9 70.5 71.9 70.7 73.2 73.2 69.6 69.6 69.6 69.6 69.6 69.6 69.7 70.7 73.2 73.2 73.2 68.1 70.0 70.2	45.9M 50.3 49.9 45.1M 40.0 45.1 40.7 40.4 40.7 40.4 40.7 47.8 49.7 47.8 49.1 49.1 49.1 51.8 49.1 49.1 49.1 49.0 40.7	58.9M 60.0 60.8 58.0 57.34 50.6 59.3 58.5 60.6 59.3 60.6 58.4 59.3 60.7 58.9 60.0 57.3 60.0 57.3 60.0 57.3 60.0 57.3 60.0 57.3 60.0 58.0 58.0 58.0 58.0 58.0 59.0 58.0	3.0 1.8 -1.1 0.9 1.6 1.7 1.3 2.3 0.4 -0.3 0.2 1.1 2.9 0.5 -0.8 1.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0.7 -0	94 92 92 92 93 93 93 93 91 91 92 96 92 93 91 92 92 93 91 92 94 92 93 94 94 95 96 97 97 97 97 97 97 97 97 97 97 97 97 97	4554+334444455555563+4333446534434	29 31 27 25 29 28 27 28 27 28 29 28 29 28 30 30 30 32 32 31 27 30 29 30 29 28 30 29 20 30 20 20 20 30 20 20 30 20 30 20 30 20 30 20 30 20 30 20 30 20 30 30 30 30 30 30 30 30 30 30 30 30 30	31 30 30 30 30 30 21+ 30 30 30 30 30 30 30 30 30 30 30 30 30	2 6 4 2 2 8 1 70 2 10 2 10 2 10 2 25 2 28 3 3 3 2 2 11 2 19 2 2 3 3 2 8 2 6 5 2 12 4 19 3 2 8 2 8 2 8 2 9 3 9 3 9 3 1 2 8 2 8 3 2 8 2 8 3 2 8 2 8 3 2	1 0 3 0 2 0 1 0 3 0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.74 2.87 3.71 4.091 2.480 4.583 5.02 3.71 2.80 5.02 3.71 2.80 5.02 3.71 2.80 5.02 3.71 2.80 5.02 4.87 5.02 4.86 6.66 7.22 7.66 6.66 7.22 7.66 6.66 7.71 7.66 7.66 7.71 7.66 7.66	0.15 0.43 0.35 1.14 - 0.63 - 0.17 - 0.42 - 0.17 - 0.43 - 1.39 1.65 0.85	0.91 0.66 3.04 1.59 2.89 0.67 2.26 1.43 1.75 1.03 1.60 1.03 2.28 0.94 0.59 2.06 1.43 1.75 1.37 1.41	2 25 12 12 11 26 1 1 12, 1 25 6 1 1 25 1 1 12 1 1 1 1 2 1 2 1 1 1 2 5 1 1 1 1	0.0 T T 0.0 0.0 0.0 T T 0.0 0.0 0.0 T T 0.0 0.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15	6 8 8 9 7 8 8 8 5 6 7	1 2 2 0 0 0 1 2 1 2 2 2 2 2 2 2 2 2 2 2

													Da	y of m	onth													осто	DOER 1	954
Station	Total	1	2	3	4	5	6	7	6 9	10	11	12	13	14	15	16	17	16	19	20	21	22 2	23 24	25	26	27	28	29	30	31
AOVANCE 5 ESE ALBANY ALTON AMITY ANOERSON 1 SW	4.71 3.66 4.40 8.27 4.24	.10 .02 T	T .15 .02	.20 2.00	.34 5.14	1.00	.17		т	1.00		.78 .46	i i	•17 •19 T •88	. 05						.25	.10 .79		3.44	• 3 • 3	8 2 .12		T +10	т	.19 T
ANNAPOLIS 7 SW APPLETON CITY ARCADIA AUXVASSE AVA RANGER STATION	4.37 0.11 3.97 4.01 5.35	.02	•17 •09 •50	.26	.16		.96	.30			3.7	2.09		.02 1.23 1.01 .04	.17	.02				.33	2.06	•06		.10 .07	.84	. 80	1	.24 .16 .14	т	•92
BELLEVIEW BERNIE BETHANY BIRCH TREE BLACK 6 NW	4.40 1.90 3.00 4.70 3.74	.13 T	•47 T •15	•04 •86	.15	.02 1.11	.44 .03 .22	.16		• 03	6	2.01	.00	.28	.12						.13	•12		.05 .48	.5	2 .48		.35		т
BLOOMFIELD BOLIVAR BOONVILLE WATERWORKS BOONLING GREEN BRADLEYVILLE	3.11 7.16 5.48 4.40	. 05 T	.15	•02	.63 1.68	.02	.50 .01 .12	т			•2 •0	9 1.17 0 1.35 1.00		.22 .50 .40	.03	_	_	_	_	_	1.67	.23		.08 .27	2.2	5 .01	- 14	.38		т -
BROOKFIELO BRUNSWICK BUFFALO BUNKER BURLINGTON JUNCTION	4.72 5.70 5.06 2.07	_	_	•05	2.80	1.30	.11 .20	T •52		- 10	1.1	5 4 1 <u>.</u> 05	_	1.09 .45 .06	-	-	-	-	-	- T	.11 .04	<u>.</u> 60	- <b>-</b>	-15	1.5	0 T 3 - 95	. 22	T •04	-	-
BUTLER BUTLER CAA AP CAMDENTON CANTON L ANO 0 20	7.63 8.94 8.47 5.60	T	T 1.75		.91 .54	T •10 2•32	T T •17	•04 T		.05	3.5	5 .41 7 3 .61 5 .06	.50	.81 .03 .30	.03	•02				.67 1.24	.42 .40 .35	•15	* T	.03 .06	.61 .51	5 .10 5 T	.30	0.2	T •01	.02 T
CAPE GIRAROEAU MO 5T CAPE GIRAROEAU CAPLINGER MILLS CARROLLTON CARTHAGE	3.08 7.25 5.43 9.39	.01	.08	•02	1.05	.03	.66 .98 .25 .01	.17	.01	•35	1.0	.50 2 1.13 7 .10 0 2.53	.02	.50 .92 .30	. 10	т				T T	2.03	• 62		.10		2 •03 8 2 •01 6 •31	.10	.37	•02	.05
CARUTHERSVILLE CASSVILLE RANGER STA CENTERVILLE CENTERVILLE RANGER STA CENTRALIA	3.71 5.82 5.63 5.05 5.30	т	.17	.02 .45 .43 .13	1.00	.70	.14 1.32 1.00	.47 .51			.0	1.54 1 2.66 5 2.87 6 1.56		T .08 T .05	.04 .10	T •05						. 85		1.10 .13 .17	.2	0 .31 5 .52 1 .04	. 18 T	.22	T T T	T
CHAOWICK  CHARLESTON  CHILLICOTHE 2 5  CHILLICOTHE RAOIO KCHI  CLEARWATER OAM	5.14 4.00 6.10 6.06 4.01	.24	T T	.37 2.60	1.42	.05	Т	.09 T		-01	2			.15 .85 .03	•02	т					.05	.13		1.54	.1 .7 .8	9 .06 7 3	. 36	.26	т	T .02
CLIFTON CITY CLINTON 1 NNW COLOMA COLUMBIA WB AP R CONCEPTION	9.37 4.85 2.80	T	.07	•41 •20	2.86	.66 .77 2.00 T	т			*20 *11	2.5 1.3 2.3	5 2.15 0 2.00 0 .49 2		.83 1.10 1.12 .05	*02						.50 .01	.37 1.00 .65	. 0	1 T	.7 .0 .1	0 .05 0 .05 9 T	.10	.15 T	.02	T •02
CONCORDIA  COOK STATION CRANE MOUNTAIN CROCKER CRYSTAL CITY 1 N	5.00 3.67 7.04 3.91	.66	.18 .30	1.56	•20		.54	•25		†	1.1	1.72		.40 .28	.07						-14	.50		.08	1.6	6 .53 2 .36		.11 .21		•02
CUBA  DEERING DE 50TO DEXTER DONIPHAN	3.18 3.12 2.05 2.44	.87	T 1.01	.78 .04		• • •	.16 .13	Т			• 2	1.43		.50 .15	.08	T .03								.22	.5	2 .30 .17 3 .32 3 .66	Т	.14 .23 .14 .41	•02	.08 .10
OOMIPHAN 2 W  EAST ENO EOGERTON EOINA ELDON	3.83 5.18 4.07 4.34	1.05	.10	. 30	•58	.22 .74 1.05	•28 •02 •04			т	•1	.03 5 2.83 1 .30 8 T		.10 1.72 .95	.09						•15	T T			1.0	0 •15 5 •35 3		•24		.07 T
ELLOGRADO SPRINGS ELIJAH ELLINGTON ELLSINGRE 1 N FLSBFRRY	5.75 3.90 5.30	.32 T	.37 1.72 1.05	.27 1.13	•02	.60	• 42	.04			1.3	2.10 1.00	.11	•70 •51						. 40	.83	•02	• 0	3.17	1.2 .7 .4	5 0 3 • 6 2 5	.30	.33 .25	.40	
FAIRFAX  FARMINGTON FARMINGTON CAA AP FAYETTE	5.39 1.16 4.80 4.58 3.95	T T	T T •08	. 75 T	T 1.48	.56 .11	.05 .20 .86 .18	•04			.6 .3 7 2.0 1.0	2.26	Т	.10 .25	.05 .17 .03	.03				.50	.01	т	•0	.10 1 .08	1.0	3 .42 0 .01	.01	T	.10 T	T •03
FISK FORSYTH FOUNTAIN GROVE WILDLIFE FREDERICKTOWN FREMONT TOWER	0.86 3.75 4.70	.02	-12	1.00	2.60	1.85	1.33	•07		- 28		8 7 1.69		1.07	-41 T	т	-	-	-	-	-	-		.05	.0	7 7 •08	-	.28	-	·12
FULTON 4 5 m Galena Gallatin 2 ne Geralo Grandy	4.30 7.90 6.55 4.31 7.45	.24	• 36	.16 .62		.08	.12			т	•1 1•0	8 1.87 3.02 3 .22 3 1.11 6 1.85		.80 .10	.02	т					•01	1.68 T 1.25		.09	• 6	11	.16	.18		T
GRANT CITY GREENVILLE 4 NNW GREGORY LANDING WROVESPRING MAILEY	6.27 3.33 4.33 7.37 6.40	.02	.67	•06	•52	1.91	.10 .07	1.46		•08	.6	5 .70	•01	.91 .08	•10 •04 •02	т					.80	.08	. 3.	-41	1.4	3 .26 0 .03			T T •05	•01
MAMILTON MANNIĞAL MARNIĞAL WATERWORKS MARRISONVILLE MAZLEGREEN 2 W	6.00 3.78 4.36 7.01 6.07		T T	T •13 •15	1.16	1.11 .65	.03 .03 T	.16		1.35	1.7	5 3 •40 9 0 1•41		2.00 .43	•07 T	.03				.70	•24 T	00	T		.6	5 6 .05 6 .01 5 .04	.06	.12	T .01	т
MERMANN MERMITAGE MOUSTON JACKSON JEFF CITY RADIO KMOS	3.54 7.80 5.02 3.35		1.53 .06	•62		.02	.11 .42	-			1.2	9 1.61 1.55 0 1.85 0 1.75 2 .24	.46	. 13	•05						.78	•09	.4	.08	.7	6 .62 2 .22 1 .15	1	:12 :27	т	T T
JEFFERSON CITY JEROWE  JOPLIN CAA AP FANGRA FANSAS CITY WE AP	4.04 5.07 8.71 7.11 5.10	т	т	• 20 T		2.62	.22 .65	•01			3.4	7 1.87 5 1.75 0 T 0 .16		.76	.01	.01	-				•63	•03	•0	3 2.65	•3:	8 •17 7 •53	.02 T	.23		
X C GREEN HAVEN WEST  KANSAS CITY UN1 OF K C  FENNETT PAOIO KOOA  FLYTESVILLE 4 NE  KING CITY	5.67 6.21 2.71	т	.07 -		1.13	.44	·15	-		-06	1.0	0 .71	_	1.63	-	_	-	_	_	.65	.15 .28 .14	т		.04	.0°	3 7 •02	-		T -	T _
# BELLE	3.73 4.46 2.80 6.99	.03	T .28	. 41	1.49	2.61	•01	-		•37	. T	1.03	7	.95	- .06 .02	-	-	-	-	-	.02	- ,		•51	.35 .35	5 T 2 .07	-	T T	т т	т
LAMPE POPEST SERVICE	5:13 8:95 7:61		+62	1.11			• 42				1.7	7 1.25 0 2.13 1.75		•21 •41								•33 •60 2•03		.04 .05 .61	3.27	· .26	.20	.16	Ť	т

Table 3-Continued																														ОСТ	OBER	1954
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12		of m	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
ATHROP 3 SW LEBANON 1 ENE LEAINGTON LICEING 4 N LINNEUS 2 S	5.76 5.76 6.91 8.45 4.24			± •28		2.71 .57 1.18	1.61	.25			•07	.45 1.10 .94	1.15		1.55 .03 1.10 .06 1.02	T T					.10	.17	•15 •24			.10	.71 1.12 .69 .77	.72 T	• 02 T	†12	т	T T
LOCK-WOOD LOUISTANA STARKS NUR LOUISTANA LUCERNE 4ACEDONTA LOOKOUT	7.90 4.85 4.94 4.03 2.92	.09	. 24 T	.19	1.65 1.00 T	.65 2.09	.76 .03 .02	•			.19	.98	1.27 1.01 1.33		. 26 . 40 . 36 . 70 . 17	.04						т	1.76			.10 .04 .03	1.98 .25 .14 .29 .10	.02	. 15	.21 .03 .14	.03 T	.01 T
MACON MAJOSON MAJOSO CAA AP R MANSFIELO MARBLE MILL	7.07 7.43 2.35 5.42 2.79	.01	.01 .16	• 25		1.29 1.30 T	.03 T	.21				2.00	.26 .55 .49 1.83		.81 .60 .24 .08	•02	.05						.03			.01 .05 .31 .59		T .07 1:87 .41	.31	T •13 •38	т	.12
MARSHALL MARSHFIELO MARTINSBURG MARYY LLE MEMPHIS	8.49 3.78 3.61 5.66	.03 T	T T	- 1:11 T	.39	.24 .04 1.25 2.75	.28	T T	-	-	11	.60 .87 .10	1.90		.10 .94 .90	-	06	-	-	-	.07	.03	.15	-	-18		2.98 .28 .57 .21	т	- .27 .02	-	- -03	-
MERCER & NW MERICO MIDDLETOWN 5 NE MILAN MOBERLY RADIO KNCM	6.00 5.55 3.68 5.49 6.27	т	.10	• 17 • 21		2.76 .75 .84 2.96 .28	.68 .06 .03 .03					1.30 .91 .47 .38 1.91	1.54		.54 .76 .66 .76		. 04					.04	.34			.09 .06	.38 .19 .25 .55		.05	*07 *19 T	т	.08
NONETT NONROE CITY NOREMOUSE NOSELLE NOUNTAIN GROVE 2 N	5.44 3.19 5.50 4.40	.75	-06 T	1.50	1.38	.63	- •11 •07 •50	т	-	-	ton	1.43	- .44 .36 1.70 2.05	-	- .63 .13	- •12 •50	-	-	-	-	-	-	-	-	-	.04 1.09	- .58 .43 .70	-02 .10	- 34	.07	-	-
WOUNT VERNON 3 SW WEOSMO WEVADA WEW BOSTON WEW FLORENCE	7.87 7.40 8.04 4.14 3.96	.01	.10 .13 T	.14	.97	.99	.50 .01 .10 .05	.14				.60	1.38 2.93 2.81 .05		.10 .06 .84 1.03	.05						.59 .75 .15	.54 .35 .56		• 12 • 18	1.29 1.89 .04	1.96 .89 2.52 .50	.04 .01 .05	.15 .17 .09	т	T T	т
NEW MADRIO OATES TOWER- ODESSA DAEGON OSCEOLA 3 NE	5.83 5.19 8.86	-22	1.88 T	.32	-	1.60	.11 T	-	-	-	-	- 1.10 .12 1.26	.25 .50	-	T70 .46 .82	- 28	<u>T</u>	-	-	-	23	- .80 .24	.10	-	-	-26	.12 .78 .54	.12	-	.32	-	- 23
OWENSVILLE OZARK OZARK BEACH PACIFIC PALWYRA	4.80 7.09 5.39 4.52 4.88	.26	.09	1.06	1.03	. 86	.71 .33	.07				•13	1.67 2.70 2.25 1.95		.21 .09 .12 .14	.03	T .05						.62 .76			.10	.36	. 34	.02 .12 .08	.17	т	
PARIS BARWA PERRYVILLE PIERCE CITY PLEASANT MILL	6.81 2.82 4.66 7.83 7.19	.24 .01	1.05	•15	3.16	.75	.16 2.06 .65	.05				.96	.75 .74 1.10 1.75	.10	.54	.12 .10	.10				.02		1.10			.04 T .06 .62	.42 .05 .07 1.80	.01 .17 .51 .52	.02	.02 .34 .25	T	T .11
POLO  POPLAR BLUFF  PORTAGEVILLE  PRINCETON  PURICO	6.20 2.27 3.84 4.42 5.13	.05 2.15 .03	.02	•10	1.36	2.13 .40 1.90	.04				T 1.23	.16	.61 .58 .06	т	1.09 .33 .55	.28	т					.16	•18			.08	.47 .18 .41 .35 2.79	.35	.31	.33 T	т	.12 .04 T
QULIN REYMOLDS RIGHWOODS ROBY ROBY ROBLA SCHOOL OF MINES	2.26 7.58 4.59 6.22 5.11	.10	•31	•11 •15 •05			.53	2,16				.82	.75 2.85 1.88 1.96 1.21	.02	.45 .10	.08	.05									.04 .15 .15	.19 1.07 1.17	.57 .25 .31	, 03	.30 .28 .10 .14	т	Ť
ROUND SPRING SAINT CHARLES SAINT JOSEPH WB AP R SAINT LOUIS WB AP R SAINT LOUIS WB CITY R	2.73 4.3 6.0 3.93 3.71	.01	.03	.06 3.17	.45 T	т	.30 T .02	.30	•		•03	1.20 .21 2.01 1.41	1.63 1.20	T 1.01	.03 .10 .13	.20 .08	.06				.29	.01			•13 •05		.58 .45 .71	.80 .38 T	.09	.12 T	T T • 04 • 03	.05
SAINT LOUIS UNIVERSITY SAINT LOUIS WASH UNI SALEW SALISBURY SAVERTON L AND 0 22	5.24 5.24 6.19 6.21 4.01		.02	.05 .15	2.28	1.08	1.32	.17			.54	.74	1.43 1.78 2.32 .25		.18	•10 •27 •16	.10				.01	.04					.73	.17 .16 1.06	.06 T	T .08 .20	Ţ	.03
SEDALIA SELIGMAN SEYMQUR 4 MNE SMELBINA SMELBINA	5.53 4.44 5.04 6.20 5.75		.24 T	.06 .35	1.10	.90	.05					.80	2.18 1.28 T	. 25	.98 .09 2.27	.10 .07						.03	.30 T	.29	т	.87 .22 T	.40 1.03 .74 .80	.06 .39 1.27 T	.12 .19 T	.06	T .10	.03
SIKESTON SIKESTON CROP EXP FARM SILOAM SPRINGS SPRINGFIELO US AP R// STEELVILLE 2 N	3.69 4.27 5.04 6.75	.52	.50 T .18	.73		T T	.24 .64	т				T 1.57	.44 .85 1.80 .13		.19	.08 T	Т					1.16	т		- 1	1.37	1.54 .38 1.22	.30	.37	.37 T	т	.04 .05
STEFFEWVILLE STOVER SULLIVAN 5 E SUMMERSVILLE SUMMER 2 Su	4.56 6.05 5.90 4.70		.07	.10		2.37	.26 1.14 .42 .01	т				.30	.07 3.14 1.46 2.47		.75 .86 .36 .32	.33	T .06						.63			T .14 .41	.26 .46 .59 .31	.04 .55 .50	• 25 T	.02 .14 .20	т	.02
SHEET SPRINGS TARKIO TECUMSEM 2 % TOP AZ & NE TRENTON	4.62 3.47 5.36 5.35 5.09	.04	T 1+42	. 24	.97 .30	T 1.70	T .02	T			•21	1.96	.35 1.68 2.45 .80		.40 .10	T				т	.03	.30			т	T .66 .75	.33 .52 .88 .95	.02	. 05	.10 .10 T	т	T .18 .01
TROY UNION 1 SE UNIONVILLE VALLEY PARK VAN BUREN 1 S	5.13 4.87 4.67 5.21	T -	T _	.45 1.19 .45	т _	.35	.90 .21 .36 1.09	_	_	-	-09	.46	1.50 1.71 T 1.70	.01 T	.37 .13 .76 .20	.04 .23 .05	.03	_	-	_	-		.03	-	_	.09	.50 .63 .36 .45	.10 .12 .01 .05	т -	.18 .06	T T	T T
OANDALIA VANZANT 6 SE VERSAILLES VICMY CAA AP VACO	5.49 5.06 5.03 7.85		.03	-20	1.49	.76	T .54	.17					•08		.55 .83 .11 .22	т						.39	.06		.04	T	.05 .55 .67 1.03	-01	.27 .14 3.34		T	T
WAPPAPELLO DAM WARRENSBURG CENT T COL WARRENTON 1 % WARSAW NO 1 WARSAW NO 2	5.12 6.28 4.68 9.05 10.27	.06	.02 .65	T	.59 .13 .03	1.18	.02 .35 T					1.18 .74 2.88 3.32	2.62		.01 .46 .25 .89	.07	Т	.01					.44 1.08 1.34			.08	1.73 .46 .52 .71	.01 .32 .14	T .19 .30 .29	.35	.01	.04 T
WASOLA WAVERLY WANNESVILLE 2 W WESSTER GROVES WEINGARTEN	3.91 3.59 5.61 5.47 4.87	.06	.18 .30 .07		.66	.76 .45 1.46 .75	. 35	т				.72	2.43 1.06 .82 1.42		.47 .10 .32	.06						T T	;10 T			.54	.56 .44 1.51 .95	• 18 • 04	.20 .18 .08 .35	.01		.03
WEST PLAINS WILLIAMSVILLE WILLOW SPRINGS WINOSOR 3 No ZALMA 5 E	5.43 4.72 4.95 7.50 3.19	.06	1.26	• 23 • 27 • 07		•35	. 212					.75	.47 .66 2.55 3.25	.05	.01 .02 1.32	.11 .01	Т					•15	.60		-41	1.61 .18 .44 T		.51 .85	.16	.30	.06 T	.05 .09

Table 5									ע	AI	LY	11	Ł.IV	171	LKA	AT	UK	ES													oc ''	Sech	1954
Station											r					Day	Of	Mont	th						- 1401								rage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
AOVANCE 5 ESE	XAM	76 68	84 68	90	92 62	91 67	85 59	65 44	76 41	81 53	86 54	82 66	79 63	82 61	71 55	6 Z 4 6	6 J 3 7	72 28	65 40	6 J 34	63 35	31	71 34	74 34	78 34	64 53	68 54	66 52	54 38	5 i	47 29	45	71.4
ALBANY	MAX	72 54	85 70	87 69	74 59	60 50	61 47	62 44	79 51	86 66	80	71 57	74 61	80	75 46	51 42	63	64 36	62 32	57 39	59 43	58 47	71 42	74 37	74 42	67 55	60 49	5 7 42	63 30	50 37	45	49 20	66.8
AMITY	XAM	73 53	84	88 73	74 59	60 51	59 47	59 43	78 52	84	80 68	74 58	75 59	79 49	75 46	52 39	65 35	63	59 35	5.5 3.9	58 43	57 45	68 42	71 45	72 42	67	60 48	55 43	60 34	50 36	47	43	66.1
ANOERSON 1 SW	MAX	84	87 66	91 64	91	89 66	70 57	74 54	81 48	86 52	85 67	83	78 58	82 54	73 44	60	62	78 32	75 37	71 48	70 47	58	68 44	74 35	60.	63 45	73 50	52 41	55 42	49 32	50	51 27	71.8
APPLETON CITY	XAM NIM	87	86 67	93 70	90 70	83 55	57 53	66 50	81 51	90 59	88 66	84 59	78 58	80 59	74 50	57 41	64 36	68 41	63 42	63	58	55 48	68 49	72 41	72 47	64 50	64 54	54 42	60 36	54 38	49 28	50 27	70.1
ARCAOIA	X A M	80	85 69	87 69	90 66	88 65	73 55	61 50	74 50	75 54	80	78 63	76 59	75 56	73 53		57 39	67 34	60 35	57 29	60 33	65 30	65 30	70 32	63 32	63	66 56	64	49 32	46	43	45	67.8
8ETHANY	XAM MIM	73 53	83 69	87 74	82 58	59 49	66	59 43	79 51	85 65	81	70 57	70 59	78 62	75 45	51	62 35	63 35	59 29	55 35	60 42	62 46	69	72 35	73 39	70 43	67 50	55 42	61 29	49 37	45 28	46	66.6
BIRCH TREE	X A M	81 63	80 68	88 64	88 62	88 65	82 55	05 43	76 38	81	84 53	80 61	78 51	76 52	70 50	60	76 35	71 38	67 40	6 u 3 4	62 32	66 3¢	69 38	78 40	76	70	70 57	64	62 37	48 37	55 25	48	71.6
BLACK 6 NW	XAM	79 64	81 70	92 65	94 61	92 62	78 55	63 41	76 40	81 52	84 56	81 63	78 60	78 50	74 54	54 34	60 39	70 32	68 35	6∪ 28	62 30	69 30	72 30	74 31	74 33	68	64 59	63	48 33	47 32		1	71.9
80L1VAR	XAM	86 61	8 4 6 8	89 71	89 68	87 70	71 52	64 49	79 51	84	84 65	79 62	78 59	78 58	71 49	56	61 36	73 46	64	62 43	64	57 47	68 46	73 41	71 49	63 52	64 55	58 44	58 37	55 39	48 29	47 29	69.8 50.4
800NVILLE WATERWORKS	XAM NIM	69 59	83 60	81 69	91 69	73 67	81 50	58 45	61 46	77 51	84	84 63	66 59	75 56	84 50	5 5 4 3	50 39	58 39	63 39	58 37	5 <b>6</b> 37	57 41	50 40	66 42	70 42	70 45	61 50	62 46	54 38	51 37	44 30	45	65.7
8ROOKF1ELO	XAM	77 56	85 68	93 73	88 65	68 52	62 48	63 44	79 51	89 64	85 62	71 62	81 60	82 49	78 48	61 42	63 37	67 37	64 34	62 37	68 42	60	74 40	73 44	78 42	70 50	67 55	6 U 44	5 9 3 4	59 32	45 32	48 25	70.3 47.6
BRUNSWICK	MAX	82 53	81 69	91 74	87 69	71 56	60 51	60 45	76 51	85 63	86 65	70 63	76 60	80 53	75 49	53	61	62 42	61 38	57 38	59 41	57 47	68 42	73 43	73	64 51	64 54	55	58 36	55 39	44 33	46,	67.4
BUTLER	XAM MIM	83 60	85 68	92 74	87 69	84 61	61 53	67 51	80 54	87 65	86 69	82 61	76 59	81 59	76 49	56 41	67	69 42	64 43	62 43	58 45	55 49	69 51	73 43	74 51	63 51	63 52	52 45	59 37	56 39	49	49	69.8
BUTLER CAA AP	MAX	81 58	86 68	91 73	88 68	76 55	58 52	66 50	79 52	87 64	87 67	72 59	76 59	79 58	66 42	55 41	63 36	67 42	62 42	61 43	59 42	56 49	68 48	71 43	71	63 50	61	52 39	59 38	45 32	49	49 28	67.8 49.1
CAMDENTON	XAM	87 57	83 61	90 65	90 63	89 63	76 47	64	79 43	86 55	86 61	82 55	78 58	79 52	74 43	55 34	65 32	67 34	63	62 32	60 35	60	70 45	74 36	74 37	67 42	65 50	62	52 30	50 32	47 22	47	70.4 43.8
CANTON L ANO 0 20	XAM	76 56	85 63	92	87 62	67 51	62 47	60 40	76 48	84 59	85 65	78 60	78 58	7 4 45,	70 46	50	59 38	60 36	56 32	55 37	60 36	65	69 36	69 38	69 39	66 49	67 52	62 45	49 35	47 35	41	44	66.5
CAPE GIRAROEAU MO ST	MAX	77 69	84 58	90 70	91 66	92 70	86 59	61 45	75 45	80 55	85 61	80 68	76 62	81 63	75 55	62	58 40	71 38	66	66 38	62	66 36	70 39	76 41	74 46	68 54	68 57	64	50 38	52 41	45 30	47 33	70.9 50.3
CAPLINGER MILLS	MAX	85 62	85 68	87 68	90 72	86 65	66 54	66 52	78 52	87 63	85 62	80 63	76 60	79 57	75 52	5 5 4 1	63 43	70 40	68 47	63 46	65 48	59 48	68 49	72 48	71 56	70 60	64 54	5 5 4 5	57 37	52 40	50 28	49	70.2 51.9
CARROLLTON	XAM MIM	78 58	82 68	93	85 69	70 55	59	62 45	77 49	86 62	86 65	68 <b>6</b> 2	76 58	79 51	73 47	52 39	60 36	63 40	59 35	57 39	55 41	56 47	66 42	70 39	71 40	62 51	64 53	54	54 33	52 38	45 28	47	66.5
CARTHAGE	MAX	84 62	86 70	90 72	90 71	84 70	70 54	71 55	80 53	85 64	85 69	80 62	79 60	80 60	74 51	58 43	62	77 45	70 46	66 47	68 47	63	70 52	73 41	64	61 52	66 54	55 43	57 42	51 38	55 29	50 30	71.1 52.2
CARUTHERSVILLE	MAX	81 69	88 69	92 70	90 70	94 71	88	66 51	75 51	81	87 61	86 69	85 73	81 63	75 66	66	62 37	78 39	72 50	62 42	64 41	70	73 39	74 45	78 47	77 55	76 62	65 60	60 46	55 41	52 29	57 35	74.5 53.4
CHARLESTON	XAM	75 71	80 67	84	92 65	90 71	81	65 47	76 45	80 54	89 49	85 54	88 67	81 62	73 55	62	60 39	72 42	66 42	61 35	64 37	7 0 3 6	72 40	75 43	79 48	65 55	70 59	63 52	52 44	52 42	48 32	49	71.6
CHILLICOTHE RADIO KCHI	MAX	77 51	85 70	93 70	88 64	65 54	62	60 44	80 51	85 61	87 64	73 60	77 60	81 44	77 48	5 5 4 3	59 36	64 36	60 33	57 37	60 42	57 46	69 40	73 37	74 38	68 51	64 52	57 45	60 32	56 38	44 28	47 23	68.2
CLEARWATER OAM	MAX	79 64	80 66	90 65	92 61	92 64	87 56	64 44	77 40	82 52	87 53	85 63	75 58	78 55	76 54	5 9 3 6	59 i	71 33	67 39	60 32	60 34	67 32	70 33	73 34	74 35	69 52	70 55	67 48	54 36	49 36	47 27	48 29	71.2 45.9
CLINTON 1 NAW	MAX	72 60	83 63	82 71	91 70	88 68	83 52	59 49	65 49	80 55	88 65	86 62	66 57	78 57	81 50	60	56 37	62 38	67 39	63 42	62 43	55 43	58 46	68 38	73	74 47	65 53	65 45	52 36	59 38	47 25	49	68.9 48.7
COLUMBIA #8 AP	XAM NIM	84 59	83 68	91 73	78 69	85 55	59 51	62 45	79 50			73 60			69 44			64 42			63 42	55 46	69 41	72 45	72 48	65 51	65 50	55 39	51 37	46 33	43 31	44 31	67.2 48.8
CONCEPTION	MAX	72 52	86 69	88 74	76 57	59 48	60 45	62 43	80 51	85 66	82 68		73		81 45			64 43	60	60 39		59 45	69 44	72 45	71 42	73 53	66 49	58 48		58 35		21	67.6
CRYSTAL CITY 1 N	MAX Mln	86 64	84 64	92 66	91 64	89 64	71 54	60 42		83 54	87 64	81 62	79 59	80 55	72 49	56 35		65 33		57 30				70 32			66 56		47 34		61	45	69.5 45.1
OONIPHAN	MAX	84 68	81 66	92 64	92 62	92 65	77 61	69 47	69 40	82 54	87 54	80 65	77 61	80 54		64 35	64 32	79 32	69 37	62 34	63 31	71 33	72 32	71 36	76 31	66 54	68 56	64 53	53 46	54 36	53 25	53	72.1 46.6
EOGENTON	MAX	75 55	85 71	92 73	77 64	64 54	59 49	62 48	80 52	86 67	82 68		77	8 0 4 8	77 47	54 39	65 33		62 39	58 43	60 44	65 47	70 49	73 39	72 47	67 56	59 52	58 44	62 32		48 26	51	68.0 48.3
ELOON	MAX	87 60	81 67	90	87 69	89 67	68	65 45	79 48		85 66	80 61	77 58	80 58	72 49	55 40	6 0 3 6	66 43	66 37	61 35	58 39	55 43	69 39	74 40	76 42	65 47	63 56	59	51 38	48 37	46 28	47 30	69.2 48.4
ELS8ERRY	MAX	80 61	87 66	87	92 72		85 52	64 42	62 45	77 56	87 64	88 63	74	79 53	79 52	69	54 40		64		5 7 3 2	63	69 35	72 35		74 47	70 55	68 48		49 34	46 27	45 30	70.4
FARMINGTON	MAX MlN	80 66	85 68	91 69	93 64	93 67	71	62 42	76 42	82 57	85 62	77 62	76 59	78 57	70 50	56	58 38	68 36	63	62 33	62 35	69 32	71 34	74 36	74 38	65 50	68 58	62 46	48 32		44 29	45	69.5 47.2
FARMINGTON CAA AP	MAX	79 65	83 68	90	92 63	91 65	69 49	62 41	75 41	81 57	84 62	<b>7</b> 2 59	75 58	78 56	70 44	56	57 35	67 35	61 35		61 33	68	70 32	73 33	74 35	64 49	68 58	61	45 30	46 34	42 28	44	68·2 45·0
FAYETTE	XAM NIM		81 67	91 72	80 68	82	60	61 45	77 50	86	86 68		78 58		76 49		59 38	64	5.8 3.6		62 41	56 45	69 39	72 40	72 43	63 48	64 57	58		50 39			67.7 48.4
FOUNTAIN GROVE WILDLIFE	XAM		89	92	86 62	67 51	62	60	76 47	84	83 62	71 59	78 57		76		6 l 35	62	60	58 33	61	59	68	73 33	74 37	68 45	64 50		60		44 28	46	68.0 44.3
FULTON 4 SW	MAX MIN		86 62	83		79 66	87	60	63	80	87 60	86	86 59	86 58	80 50	55	55 42	59 39	63	60 35	60 35	64	58	71 41	74 42	75 42	68 52	66		52 37			69.5 47.6
GRANT CITY	XAN		83 67	88	73 56	56 46	60	59	78 52	84	78	73	72	77	74 43	50		64			58 42			69 43	70 44	66 53	60		60	50 35			65.0

Table 5 · Conlinued									_													_			_						OCTO	8ER	1954
Station																Day	Of	Moni	h														erage
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
GREENVILLE 4 NNW	MAX	80 67	84 69	91 65	93	93 65	85 59	<b>6</b> 5	77 41	82 50	86 54	81 65	76 61	78 57	75 58	6 1 3 7	62 34	73 32	68 38	61 31	65 33	70 30	72 31	<b>75</b> 33	77 33	65 54	70 56	65 52	53 38	51 38	48 27	48 32	71.9 46.7
MAMILTUN P	MIN	75 53	84	90 71	72 60	65	61	60	78 48	85 62	81 67	70 55	75 58	78 50	73 45	51 39	63 35	64	60	54 36	55 41	58 45	68 43	72 45	72	67 54	60 47	5 6 4 1	60 34	48 37	47 27	49	66.2
MANN BAL MATERMUNAS	MAX	81	85	92	90	68 52	60	59	76 48	84	85	68 61	77 59	76 53	69 45	50	58 38	61	56 35	56 35	59 34	65	70 40	72 46	70	68	66 52	56	46	45 29	41	43	66 • 2 46 • 6
MA RISONVILLE	MAX	92	85	92	8 6 70	70 59	59 50	65 49	78 52	87	86 68	73 59	78 59	80 58	73 48	56	64 34	67	62	60 41	54 41	58 47	67 48	72 45	78	63	61 50	56	61 37	5 2 3 7	50 26	50	68.9 48.3
HERMITAGE	MAX	85	79	91	89	88	68	67	79 48	86 57	85 63	80 58	79 56	79 48	73 50	5 7 3 7	63	72 33	67 34	64 39	61 39	52 38	70 38	74 29	72 38	65 36	64 51	57	55 45	5 7 3 5	49	49	70.2 44.8
HO STON	MAX MIN	85 63	83 69	91	92	91	76 54	69	80 45	85 42	85 63	73 61	72 59	<b>7</b> 9	69 49	59	60	75 38	76 36	60 35	62 37	61	60 34	73 33	73 33	60 48	65 50	62	6 l 35	50 35	50	48	70.5
ACRSON	MAX	78 69	85 69	92	93 63	92 68	87 58	66 45	76 43	81 54	86 59	80 67	78 62	83 58	76 55	61	61 39	73 34	67	62 34	67 35	71 33	74 34	76 36	79 35	67 53	67 51	65	5 1 35	50 41	48 30	48	72 • 3 48 • 0
JEFF CITY RADIO KNOS	MAX MIN																																
JOPLIN CAA AP	MAX	81	86 71	89 75	89 74	82 59	59 55	69 55	79 55	86 66	85 70	78 61	78 62	80 63	72 44	57 41	62 38	7 <b>6</b> 50	69	65 48	68 48	57 53	68 52	73 46	59 52	61 52	66 48	49	56 44	49	54 32	50 31	69.4 52.7
RANSAS CITY #8 AP	MAX	80 57	8 7 7 2	93 75	75 69	69 53	58	64 50	80 57	87	85 65	71 61	76 59	82 56	60 47	52	65	66 45	60	5 9 4 5	59 46	63	69 51	74 46	72 49	63 57	60 48	56	63 42	45 38	47 33	51	67.5 51.3
C GREEN HAVEN MEST	MAX	82 55	87 71	93 76	89	70 54	57 49	64 48	81 54	87	87 64	72 60	77	80 47	76 47	52 41	64 37	67 36	61	56 41	56 44	64	68 48	72 36	71 38	63 54	59 51	56	62 32	51 39	49	50 21	68.5 47.9
KANSAS CITY UNI OF K C	MAX	81	87 70	93 74	88 70	70 55	59	64 49	80 54	87 66	8 7 6 5	75 60	77 59	87 53	76 47	5 2 4 2	64 38	66 41	61	58 42	5 7 4 4	63	69 51	72 41	71 45	63 54	60 51	55	62 35	52 39	49	50	68.9
KENNETT RADIO K80A	MAX	79 70	88 69	91 68	90 66	93 70	8 9 6 3	65 48	77 46	82	88 59	88 69	79 68	80 62	81 63	40	62 37	78 37	75 49	64 36	65 35	72 34	73 36	78 38	79 40	74 51	76 60	68 54	59 44	54 41	5 2 2 8	51 32	75.0 50.5
KIRKSVILLE RADIO KIRX	MAX	75 54	81 65	90 71	81 59	63 50	63	58 37	75 47	83 62	79 68	70 61	75 59	76 43	70 46	47 40	60 37	6,0 35	57 29	55 31	61 36	58 42	68 34	71 42	73 37	69 44	62 52	55	55 32	50 33	41	44	65 • 3 44 • 6
KIRKSVILLE CAA AP	MAX	76 55	81 66	90 70	73 60	62 48	61 46	59 39	75 47	83	81 63	70 61	76 51	77 47	68 41	47	5 9 3 6	60 36	58 32	57 33	61 38	58	70 39	73 42	73 41	68 46	61 48	55 36	53 31	44 30	41	43	64.9
KOSHKONONG	MAX	77 66	87 74	87 74	88 64	98 58	84	68 46	74 42	77 50	82 60	81 63	73 59	73 57	67 54	55 38	59 35	79 40	79 42	69 37	63 37	62	69 41	75 41	74 46	67 54	65 55	65 48	52 44	48 39	48	48	70 • 7 49 • 2
LAKESIOE	MAX	83 61	90	80	92 66	91 64	90	59 47	65 48	81 55	87 66	87 62	68	79 55	80 54	60	58 43	63 39	69 36	64 37	61 38	59	54 41	70 35	75 36	74 41	66 51	64 48	5 2 3 9	55 41	48	49	70.1 48.5
LAMAR	MAX	72 62	81 65	84 71	90 71	88 71	82	58 50	66 52	77 55	84 63	85 62	76	,75 61	79 52	60	57 37	61	70 46	66 40	63 41	65 47	54 49	67 43	71 47	<b>6</b> 9	64 53	61	49 38	55 37	45 30	51	68.5 50.3
LATHROP 3 Sm	MAX	81 55	84 58	88 73	83 62	70 50	58 45	62 43	78 49	85 59	81 66	68 55	73 51	79 56	70 48	55 38	61	64 41	60	57 37	57 41	62 45	65 41	71 47	73 44	68 42	65 40	55	59 32	51 32	50 30	49	67.2 45.8
LEBANON 1 ENE	MAX	85 63	82 67	89	89 66	86 68	92	66 41	78 54	86 68	84	78 61	78 58	75 56	69 49	55	59 36	70 42	62 40	59 39	60 40	57	68 43	71 42	69 47	64	64 56	61	55 36	50 31	51 28	51	69.8 49.4
LEXINGTON	MAX	68 57	81 58	85 71	93 69	72 62	65	59 46	63 48	80 56	87 66	86 64	65 59	77 57	81 47	58	50 37	63 32	65 43	60	5 7 42	55	59 46	67 46	71 45	73 50	5 9 5 5	61	56 40	59 38	45 31	47 26	66.7 48.5
LICKING 4 N	MAX	82 64	84 69	84	90 65	91 67	86 53	57 47	67 46	78 53	81 65	83 63	66 58	78 56	77 50	56 42	55 37	59 39	70	67 39	61 43	60	63 37	71 42	74 41	71 43	64 54	63	5 0 3 6	49 39	44 28	45	68.6 48.4
LOCK#200	MAX	85 64	86 68	92 72	91 72	81 68	71 54	67 52	80 52	86 63	85 67	78 63	79 59	81 59	72 50	61	63 37	75 48	70 43	67 41	68 47	60 48	68 52	73 42	64 48	62 52	64 54	60	57 39	51 40	53 30	50 30	71.0 51.5
LOUISIANA STARKS NUR	MAX	85	87 67	92 72	83 69	79 62	66	63 41	78 45	85	87 66	80 63	77 59	77 49	76 50	52	58	63 36	60 30	59 30	62 29	68 35	72 32	74 34	73 34	70 50	69 53	63	47 31	47 37	44	43	69.0 46.0
MACON	MAX	72 55	78 56	82 67	90 67	72 57	63	60 38	58 40	76 49	85 62	83 62	67 57	75 47	77 47	55 39	48 37	60 36	62	57 31	56 34	60 38	57 37	68 38	71 45	72 45	68 45	63 42	57 34	51 35	45 31	43	65.5 44.3
MALDEN CAA AP	MAX	75 68	86 68	90	90 67	91 69	73 53	65 47	75 46	81 54	88	83 68	78 65	82 62	73 47	63	60 38	75 40	66	61 37	62 38	69 35	72 39	74 42	76 40	64 55	72 60	66 50	5 1 44	53 35	49	49	71.4 49.7
MARBLE HILL	MAX	76 66	85 69	90	91 60	92 63	87 58		75 40			80 64	76 61	80 55	74 55	61 35	60 35	72 30	62	60 29		69		73 31			70 54				48 28		71.0 45.7
MARSHALL	MAX									-1																							
MARSHF ! ELO	MAX											79 62						71 42	66 41	59 42	61 44	58	67 45	71 47	68 53	63 53	64 54	62	51 36	49 37	47 27	44	68 • 6 50 • 4
MARYVILLE	MAX	70 52		88		55 48	58	57 44	78 52	84		70 57			68 45				57 38		58 43	57 46		69 43	69 45	65 54	58 47	52 39			44		64.3
WE MPHIS	MAX	72 54		85 68		68 53	55		60	1					77 47				62		59 35				75 44	78 48	71 50	63		56 35	42 26	40	64.9
MEX I CO	MAX			85 68	92 69		49	61	60			87 65		77		57	51		62	59	58 37	62	63	71	74 41	76 46		65 45	58	50 36	46	44	67 • 6 46 • 8
MOBERLY RADIO KNON	MAX MIN		81	91	84	72 57		59	78	86	86	79 61	76	79	72	49	58	64	59 34	58 34	61 39	58	69	72	74	65	63 47	56	51	47		45	67.0 47.2
MONETT	MAX						ı						ñ																				
MOUNTAIN GROVE 2 N	MAX											80 62							73	61	63 39			71 47			65 55				48 28		69.6
MOUNT VERNON 3 SW	MAX	82	84	88	88	88	75	67	78	84	83	<b>7</b> 7	77	79	71 50	57	59	75 44	67	61		59		70 42		60	64	55	55	48		48	69.2
NEOSHO	MAX MIN	84	87 68		90		- 0	73		85	85	81 62	80	82	77		64	79 42	76 43	68 46	70 47	64	70 51	74 39	67 46	61 49	69 55	55	56 43	53 42	56 26	52	72.7 50.3
NEVADA	MAX	82		92	91	85	65		81	88	87	82 64	78	82	70 51	58	65	72 42	- 1	64 45		63	70 51	75 46	70 50	65 51		54	60		53	52	71.1 51.9
46 # FLORENCE	MAX	85	85	91	83	88	65	59	78	84	86	78 62	77	78	72	52	57	60 37	60	58 33	61 39	66	71 40	74 44	71 41	65 52	66 57	60			43		67.9 48.0

Table 5 - Continued									ע	A	LL	1	T. IA	1FI	- I	41	Un	LS													осто	BER	1954
Station				1											-	Day	Of	Mont	th								1						erage
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27				31	A
OREGON	MAX	70 52	84 69	90 72	73 58	59 48	59 46	59 46	80 54	87 65	67	73 57	74 60	80 54	72 45	53 40	65 34	63 43	62	53 42	65 42	63	70 49	71 46	70 49	69 54	60 47	40	59 36	27	24	26	47.7
OZARK BEACH	MAX	87 64	95 68	93 65	94 62	95 65	91 60	72 51	74 46	91 54	89 58	86 56	75 60	80 58	81 55	63 39	64 37	35	79 41	73 42	74 39	68	66 45	72 37	75 40	64 46	65 52	72 47	60 43	50 40	52 28	58 34	75 • 3 48 • 6
PERRYVILLE	MAX	78 66	86 68	93 70	94 63	96 66	75 56	61 45	75 42	81 58	85 60	81 64	77 61	79 57	75 54	59 40	58 40	72 38	63 39	59 34	64 33	68	71 34	74 36	76 36	68 51	69 57	65	50 32	48	46 30	47 32	70.7 47.8
POPLAR SLUFF	MAX	83 68	76 66	84 66	91 62	91 66	92 69	48	68 42	77 52	82 55	87 66	79 62	77 59	81 67	38	65 36	65 35	78 42	69 37	64 35	64 32	71 35	74 35	76 37	77 53	61 55	67 55	62 47	56 41	55 30	52 32	73.2 49.1
PORTAGEVILLE	MAX MIN	79 70	87 68	90 70	89 68	90 71	89 63	66 48	75 47	80 55	86 65	86 71	81 69	82 63	75 59	64	61 39	79 39	75 46	65 37	64 37	70 36	72 39	74 39	78 44	68 52	76 60	69 55	57 47	55 42	51 30	50 36	73.6 51.8
PRINCETON	MAX MIN	71 54	83 68	87 73	79 59	60 48	62 46	58 42	78 51	85 64	84 63	69 59	74 60	78 42	75 46	5 4 4 0	61 36	61 34	60	58 38	62 42	61	69 36	72 35	74 35	69 51	64 54	56 43	60 30	54 34	52 35	45	66.9
ROLLA SCHOOL OF MINES	MAX	84 64	88 69	84 70	94 67	92 71	91 53	57 43	64 46	81 59	85 67	86 61	67 58	78 56	8 0 5 2	58 39	57 40	61 43	68 40	62 35	59 36	62	64 40	71 41	75 44	75 49	65 57	62 46	50 36	48 38	46 29	45	69.6 49.1
SAINT CHARLES	MAX MIN	90 66	86 71	93 72	88 72	90 68	75 54	64 44	79 48	86 60	88 65	83 65	79 61	80 58	75	56 42	58 40	65 39	63	60 37	63 37	69 37	72 38	75 39	75 43	70 53	68 58	65 52	48 36	48	46 29	45	71.0 49.7
SAINT JOSEPH W8 AP	MAX MIN	75 55	87 71	91 70	76 59	59 49	60 48	63 48	8 0 5 5	87 68	82 66	70 59	74 54	81 52	59 45	52 41	64 36	65 40	60	57 43	62 44	61 50	69 49	71 42	72 46	69 56	58 46	5 5 3 6	60 35	34	48 29	51	66.5
SAINT LOUIS W8 AP	MAX MIN	87 65	85 67	92 73	87 70	89 63	63 50	62 44	77 50	84 60	86 66	76 61	76 61	80 59	71 47	53	56 41	63 43	57 41	58 39	62 39	68	73 41	74 42	74 45	68 54	66 55	55 41	45 37	45 31	30	43 32	68.4
SAINT LOUIS W8 CITY	MAX MIN	87 67	82 69	92 73	88 73	89 62	63 51	62 46	77 50	83 62	85 66	76 62	77 62	78 63	71 49	52 42	55 43	61 45	58 43	57 40	61 42	67 45	70 48	73 51	71 52	69 55	67 56	56 43	46 40	46 34	42 32	43	67.9 51.6
SAINT, LOUIS UNIVERSITY	MAX MIN	85 67	82 69	93 73	88 75	90 66	71 54	60 45	76 49	83 61	87 66	79 65	77 60	79 63	73 51	54 43	55 42	62 44	59 44	56 40	60 42	65	69 47	71 50	72 50	69 55	68 59	63 47	47 39	45 39	43 32	42 33	68.5 52.1
SAINT LOUIS WASH UNI	MAX MIN	82 66	88 67	85 71	93 73	90 69	91 54	63 45	62 47	77 53	85 63	86 63	71 61	78 60	79 62	76 41	55 41	55 39	65 39	60 38	58 37	62 38	67 40	70 41	73 43	74 51	69 55	67 51	52 37	45 39	47 31	44	70.0 50.0
SALEM	MAX MIN	80 63	84 66	82 67	91 62	91 66	90 56	5 £	63 42	77 53	82 60	83 63	67 57	77 53	78 54	58   37	56 37	57 38	68 35	62 31	58 35	61	64 33	69 34	74 39	72 47	63 50	62 45	58 33	47 37	45 27	28	68.4 46.1
SALISBURY	MAX MIN	82 58	85 67	92 72	84 68	72 57	61 49	61 43	78 48	86 60	86 65	68 62	77 58	81 50	71 48	5 1 4 2	61 38	63 38	61 35	60 34	62 39	57 46	70 39	75 41	76 42	66 47	63 53	58	53 35	5 0 37	45 30	46 26	67.8 47.5
SAVERTON L AND 0 22	MAX MIN	82 60	87 65	93 73	87 69	75 60	62 50	60 43	76 47	82 62	87 67	83 61	78 59	75 51	73 48	52	57 40	60 38	57 36	57 37	59 35	65 43	69 39	72 39	67	68 49	68 44	67	55 36	52 36	42 29	28	68.1
SEOALIA	MAX MIN	84 59	82 68	90 72	8 <b>6</b> 70	82 63	63	64 46	78 50	85 62	85 69	80 62	76 58	80 57	75 49	55	61 36	64	61	60 39	55 43	54 47	67 43	73 44	74 46	67 52	64 56	57	57 38	55 37	47 29	46	68.6 49.6
SEL I GMAN	MAX MIN	82 61	82 68	87	87 69	85 70	74 56	70 50		83	8 2 65	75 60	77	79 60	70 52	5 4 3 8	5 9 3 5	75 40	69 46	64 42	68 42	58	65 49	71 42	61 49	63 51	73 60		60 31	47 39	5 2 2 6	48	69.7 50.2
SEYMOUR 4 NNE	MAX MIN	88 59	85 62	90	67	72	48	65 47	50	52	84 57	62	62	59	67 48	57 37	56 35	40	62 42	43	49	58	42	70 48	67	64 52	65 53	62	53 42	46 39	49 36	30	49.5
SHEL8INA	MAX MIN	80 58	84 66	91 72	86 69	70 58	60	59 40	77 51	85	85 66	80 60	76 58	78 47	77 48	52 40	5 9 3 9	62 33	57 31	56 33	62 39	65	69 35	72 36	70	67 45	65 56	62	56 32	49 36	43	43	67.6
SIKESTON	MAX MIN	82 69	73 68	86 69	91 65	90	92 69	69 46	66 44	76 50	82 57	87 65	83 67	72 63	80 64	71 38	62 37	60 39	71 42	67 36	62 36	65 35	71 37	74 39	71	79 50	62 54	70 55	60 40	49 42	52 30	49	71.7
SIKESTON CROP EXP FARM	MAX MIN	74 69	84 66	88	89 64	90 69	82 59	65 45	74 43	80 53	85 57	82 68	77 65	80 61	72 54	61 37	59 37	70 37	65 43	59 36	62 35	68	70 37	73 38	72 39	65 52	70 57	63	53 40	52 41	48	48	70.3 49.0
SPRINGFIELO W8 AP	MAX MIN	83 65	83 69	88 70	87 68	85 60	60 51	66 51	78 49	83 57	83 65	71 60	77 57	75 60	67 43	55 40	59 38	73 41	65	60 44	63 44	55 46	67 49	70 45	65 51	61 54	63 48	48	54 40	47 33	49 29	46	67.3 49.7
STEFFENVILLE	MAX MIN	78 58	84 66	91 72	86 64	65 54	62 47	59 39	77 48	84 62	85 67	80 63	76 59	76 45	72 49	5 0 4 0	59 39	60 37	56 32	56 33	61 35	65	69 36	72 43	71 39	68 48	65 55	61	50 35	48 36	41	44	66.8
SWEET SPRINGS	MAX MIN	85 58	85 66	94 72	86 67	82 56	62	64 46	79 50	87	88 67	73 58	80 59	81 55	73 48	56 39	62 36	66 40	61	58 39	55 42	53	68 40	74 37	74	65 52	65 52	58	60 34	53 37	50 27	49	69.2 47.9
TARK 10	MAX MIN	73 53	86 68	90 74	80 56	56 46	59 46	58 45	81 55	87 64	8 0 6 7	72 53	73 57	80 45	73 45	53	65 32	64 41	62 34	52 42	67 42	59 46	72 44	73 42	73	71 54	63 47	5 5 3 8	62 33	48 35	49 27	51	67.3
TRENTON	MAX MIN	74 52	83 70	90 74	87 68	68 52	64	59 44	88	87	83 67	68 63	77	74 48	71 47	57 43	63 37	65	59 35	57 39	62 42	58	70 42	74 41	74	68 53	61 53	58	60 34	54 38	54 22	48	68.2
UNION 1 SE	MAX	89 65	85 66	91 71	90 66	90 65	73 55	61 43	79 42	85	87 65	81 63	78	81 56	72 52	55 39	57 41	64 35	60	57 30	62 34	67	70 32	72 32	75 33	68 45	65 56	61	46 30	46 38	44	44	69.5
ONIONAIFFE	MAX MIN	52	72 52	81	88 64	65 50	52 46	59 39	57 40	74 53	82 64	78 60	68	72 47	76 47	53	47 37	59	58	55 34	55 36	62	53 39	67 40	70	72	66 49	61	53 35	57 37	43 32	42	63.2
VANOALIA	MAX	82 49	85 67	91 72	83 69	79 63	64	60	77 46	85	85 67	79 63	76 59	77 54	73 48	50	59 37	59 36	58	57 35	61 38	67	69 39	72 44	68	67 56	62 45	53	46 37	44	43	42	66.9
VERSAILLES	MAX	86 59	81 67				67	49	85 64	85	78 61	78 55	79	50	41	55	59	65	61	58	56 41	54	68	72	73	67 53	63	57 38	55	50 37	46	47	65 • 8
VICHY CAA AP	MAX MIN	86 62	81	91	92 67	90 59			79 46	85 59	86 63	72 57	76 59	79 57	70	54	58	64	60	58 32	60	63	70 39	73 45	74	68	63	51	47 34	45 31	44 28	47	67.9
WAPPAPELLO OAM	MAX MIN	81		84	90	89 69	90	66 47	65	75	80	86 68	79 62	75 59	78 63	69	61 38	61 36	76 46	66 37	61	62	67 41	71 41	73	73 52	63	66	59	48	51 31	50	70.7
WARRENSBURG CENT T COL	MAX MIN	83	82	92	87 69	79 61	61	64	77 53	86	86 69		76 59	81 69	75 49	57	62	65 45	62	59 42	56 45	57	68		74	64	64	54 45	59	57	46 32	47	68.8
WARRENTON 1 N	MAX MIN	84		90	86 75	88	71	60	78 42	86	88		72 58	78 56	74	50	57 37	62		54 31	62	68	69 37	72 43	75 39	68 49	66 53	61	49	44	42	43	68.4
WARSAW NO 1	MAX		79	93	92 70	87 62	65	67	81 51	88	87 67	80 62	79	83	73	60	63	68		65	55 43	54	70 44	76 36	77	67 48	64 55	55	59 36	62	52 29	50	71.2
WASOLA	MAX NIM	86	80 66	90	91	88	78 55	70 45	80	85 55	85		75 57	56 73 53	68	60	62 34	78	69	62	66	67	70	75	65	62	66	63	53 42	46 35	52 27	50	70.6 47.6
WAYNESVILLE 2 W	MAX	89	84	92	92	91 66	74	65	80	86	86	80	78	53 81	72	58	63	70		61	37 61	59	70	74	71	64	53 65	62	53	49	48	49	70.7
WEBSTER GROVES	MAX MIN	86	84	92	89 70	87 67	69	60	77 46	83	66 85 62	62 78 62	59 77 59	53 78 58	52 71 49	39 52 40	38 56 40	35 63 39	35 68 37	34 55 35	36 59 35	41 64 37	35 68 40	71	36 72 43	67 49	57 66 56	61	32 44 35	39 41 35	28 44 28	31	68.1 47.6

DAILY	TEMPERATURES	

MI550URI OCTOBER 1954

0.0																Day	Oi	Mon	th														'age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ave
*E INGARTEN	MAX MIN	81 67	84 70	92 75		93 74	74 55	63	76 43	82 58	85	78 63	78 59		73 54	58 40		68	66		63 38	69 37	71 38	75 45	74 43			61 46		44 39		45 32	
EST PLAINS	MAX	81 67	8,2 7.0	90 68		89 68	71 54	68 48	77 43	81 55	84 59	75 60	75 59	72 55	68 44	60 39		79 37	68		64 36	66 38	70 38		71 37			61 48	50 40			50 32	
HILLOW SPRINGS	MAX	82 60	82 68	89 68		90 66	78 55	67 45	78 41	84 50	85 62	76 61	77 58		68 50	68 35		76 35	66 41		62 34	65 36			70 35		67 56				49 25	48 30	
NINOSOR 3 NW	MAX	82 60	79 68	8 9 7 2		81 59	59 51			85		74 59	76 57			53 41		67 42			55 45	55 47			73 49		62 54	54 42			47 31	47 27	

## EVAPORATION AND WIND

Table 6

0																1	Day o	f mor	ath														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave.
COLUMBIA WB AP	EVAP WIND MAX MIN		24 83	59 90	25 83	69 82	67	91 61	.21 75 75 48	16 83	46 83	49 78	76	68 78	113	110 52	92 59	22 60	39 61		.08 75 61 39		.02 31 68 44		58 67	13	56 65	91 62	13 52	122	46 44	28 50	1696
LAKESIOE	EVAP WINO		.16 34	.04 27	•22 52	.19 25	.18	.08	.13	.13	.19 62	. 24 82	.07 57	.10 24	.20	.14	.12 121	.12 36	.12	.15 67	.13 57	.05 33	.00 26	.09 21	.10	.09					.09		3.40 1654
5T. LOUIS WASH. UNI.	EVAP WINO				.17 24							.13 31			.04 30	.13	.06 78	.03	.09	.10	•05 9	-04 6		.03	.03	.05	.04 6		.05 12		•06 28		2.20 578

MAX AND MIN IN TABLE 6 REFER TO EXTREMES OF TEMPERATURE OF WATER IN PAN AS RECORDED OURING THE 24 HOURS ENGING AT TIME OF OBSERVATION.

0.																Day	of m	onth											·			
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
AMITY	SNOWFALL SN ON GND																					T			1			1				τ
BUTLER CAA AP	SNOWFALL SN ON GNO													i								Т									T	
CAPE GIRAROEAU MO STATE	SNOWFALL SN ON GNO																													T		
CENTERVILLE	SNOWFALL SN ON GNO																														Т	
CHILLICOTHE	SNOWFALL SN ON GNO																														7	Т
COLUMBIA WB AP	SNOWFALL SN ON GNO											Т														1					0.2	0.2
FARMINGTON	SNOWFALL SN ON GND																										1		N		T	
GRANT CITY	SNOWFALL SN ON GNO																													Т		
GREGORY LANGING	SNOWFALL SN ON GNO																												1		Т	
HANNIBAL WTR WKS	SNOWFALL SN ON GNO															Т													П		Т	
KANSAS CITY WB AP	SNOWFALL SN ON GNO																													ļ.	Т	
KIRKSVILLE CAA AP	SNOWFALL SN ON GNO																										П		Г		Т	Т
LUCERNE	SNOWFALL SN ON GNO																									ļ.					Т	
NEW FLORENCE	SNOWFALL SN ON GNO															т														Т	Т	T
OREGON	SNOWFALL SN ON GNO																				Т	1					1					
ST JOSEPH WB AP	SNOWFALL SN ON GNO													Т														-			Т	
ST LOUIS WB AP	SNOWFALL SN ON GNO															Т														7	Т	Т
ST LOUIS WB CITY	SNOWFALL SN ON GNO															0.5											ļ			Т	Т	
SALISBURY	SNOWFALL SN ON GND																											-			Т	
SHELBINA	SNOWFALL SN ON GND																													Т	T	Τ
SWEET SPRINGS	SNOWFALL SN ON GNO																									1	-					Т
VICHY CAA AP	SNOWFALL SN ON GND																															Т
WINOSOR	SNOWFALL SN ON GNO																										1					Т

										Letter		OCTOBER 1954
Station	ON County	Dramage 1 Letitude Longstude	Open time	Observer	Refer to tables	Station	ON County	Drainage †	Longitude	Precip.	Observan	Refer to tables
Advance S ESE Albany A ton Antry amsterdan	0022 Stoddard 0051 Gentry 0127 Dregos 0143 Detaih 0151 Eates	10 37 08 89 3 4 40 15 94 3 1 38 42 91 3 4 39 52 E4 3 9 38 21 94 3	0 872 6P 6 4 860 7 8 1620 6P 7	P Nello Moroni P eilliam J. Butler A Edna E. Emll A:O. M. Colhour O R. A. Serebner	2 3 5 C 2 3 5 C 2 5 5 7 C	Soehkonong La Belle Lakeside Lamar Lampe Forest Service	4625 Oregon 4637 Lewie 4984 Miller 4705 Barton 4727 9tone	9 38 12	81 55 - 92 37 59 84 16 99 93 28 -	5 7A 7/ 0 7A 7/ 7/	Genevieve T. Smith Jamee M. Flebhack W. B. Frame M. Aull Van Hofftee Orley F. Scott	2 3 5 9 7 C 2 3 5 7 3
abseron 1 8V amenpolie 7 8V appleton City Arcadie amtee 1 V	0184 McDosald 0178 Iros 0204 St. Clair 0224 Iros 0312 Clark	5 56 38 94 2 1 37 20 90 4 5 36 12 54 6 10 37 35 90 3 6 40 27 91	7 - 7 2 600 BP 6	A Suth C. Wawkine A Dpal O. Sutter P F. Paul Eye A Arcadia College D Dlen A. Woodruff	2 3 5 7 3 2 3 5 C 2 3 5 C	Lampe 4 NNE Latbrop 3 6W Lebanon 1 ENE Lees Summit 1 N Lexlegton	4732 5 to ee 4773 Clinton 4825 Laclede 4848 Jackeon 4804 Lafayatte	4 39 31 3 37 41 7 38 58 7 39 11	93 53 8	18 7A NI 6	Decil F. Raye Cecil F. Raye Brodie D. Bareett Beejaslu F. Smith William H. Cullon	2 3 5 2 3 5 C 2 3 5 7
Auxacaa Ava Ranger Statice Bedford 1 8 gallevive Bereic	0357 Callaway 0365 Douglas 0503 Liviegatos 0538 froe 0595 Stoddard	10 36 40 89 5	3 - M1 1 1060 7 6 50D 7	P C. M. Book A U.5. Foreet Service O Herry 5. Stephens A Heulah M. Alsxander A Harold R. Summere	3	Licking 4 N Lieneue 2 S Livonis Lockwood Louisiana Starke Nur.	4919 Texae 4979 Lien 5014 Putnam 5027 Oade 5093 Pike	4 39 50 2 40 29 8 37 23 8 39 29	93 12 8: 92 42 - 93 57 10: 91 03 4:	15 SI 19 6P 7/ 19 6P 81	Robert O. Camson Merls Wads Mre. Icel M. Tade Hubert A. Nieman Stark Broe. Nursery	
Betkany Eirch Tree Elack B MW Bloomfield Bolivar	0608 Earrisos 0488 Shasnos 0685 Iron 0735 Stoddard 0789 Polk	4 40 16 94 0 1 38 59 91 3 1 37 37 90 5 10 38 53 89 5 9 57 37 93	0 1000 5P 7 9 1000 7P 7 8 440 7	A Carl W. Slaughter A Mildred E. Catlett P Dtto Doggin A George E. Loeg P Se Baptlst Collega	2 3 5 7 2 3 5 7 2 3 5 3 2 3 5 7 C	Louisiaea Lucerne Wacedonia Lookout Macon Madlsoo	5089 Pike 5121 Putnam 5164 Ripley 5175 Macon 5183 Moeros	4 40 27 1 36 45 2 38 45	91 04 - 93 18 - 80 54 - 82 28 8 92 12 -	91 91 5 7A 71	George A. Okrner D. A. Broweing Roy C. Robloett Joho W. Atwell Enos Wood	3 7 7 7 C 3 7 C 3 5 7 C 3
Boosville Water Works Bowling Greec Bradleyvilla Brookfield Brunewick	0817 Coopar 0858 Pike 0876 Taeay 0980 Linn 1037 Charitoe	7 38 58 92 4 6 39 21 91 1 12 56 47 92 5 4 39 47 93 0 4 39 26 93 0	2 - 6 5 - 7 5 787 5P 5	A Boonville eater Dep A Virgl1 Cook A Elmer A. Bubhard P G. 7. Breen P D. E. Benecke	2 3 5 3 3 2 3 5 2 3 5.	Maldee CAA AP Maldee 3 N Mannfield Marhle Blll Marnhall	5205 Dunklio 5207 Dunklin 5227 Wright 5253 Bollinger 5288 9allee	10 36 36 12 37 06 6 37 18	89 58 2 92 35 - 89 58 4	05 W11 7, 10 6P 7,	U.S. Clvll Aero Adm Arthur Mc Glll Henry D. Browe Willa B. Willlams Municipal Utilities	3 2 3 5 2 3 5 C
Buffalo Buaker Exritogios Juectios Butler But.er CAA AP	1087 Online 1101 Seyeolda 1141 Nodneay 1145 Bsten 1147 Batee	9 57 58 93 0 1 37 27 91 1 7 40 26 95 0 9 38 16 94 3 9 38 16 94 3	2 - 7 4 - 7 0 848 SP 3 0 870 WIO MI	A L. B. Howerton A C. D. Highley A Relph B. Yuller P Barley W Johoson O U.S. Civil Aero Adm		Marphfield Martleaburg Maryville Maryville 7 NNW McCredie 2 W	5307 Webster 5319 Audraie 5340 Nodaway 5345 Hodaway 5410 Callaway	7 39 08 7 40 21 7 40 25 7 38 58		7 61 68 6P 61 13 M11	P Sho-Me Power Co, Albert J. Aulbur P R. B. Moetgomery Earl W. Trueblood Lella B. Craig	2 3 5 C 3 2 3 5 C
Camdeetoe Cantos Lock & Das 20 Csp Au Grie Lock & Das Cape Girardeau Wo Stata Cape Girardese	1212 Camdes 1275 Levie 1283 Liscole 1281 C Girardeau 1296 C Girardeeu		1 488 7P 7	P Wo. Conserv. Comm. A Lockmaster O U. S. Engineere P Teachers College A Lee L. Albert	2 S S 2 3 5 2 3 5 C 2 3 5 7	McCredie Exp. 6tstlon Memphie Mercer 6 NW Mexico Middletown 5 NE	5415 Callaway 5492 Scotland 5519 Mercer 5541 Audrain 5565 Pike	6 40 27 4 40 33 6 39 10 6 39 10	93 38 - 91 53 9	00 7A 7	U.S. Soil Conserv. A John W. Alexander A Decar L. Bartley A O. N. Woods A Eloise M. Graham	2 S 5 3 2 3 5 7 3 C
Capileger Wille Carrolitos -arthage Caretherevilla Cameville Emeger Sta.	1304 Cedar 1340 Carroll 1356 Jaeper 1364 Pemiscot 1383 Barry	9 37 48 93 4 7 39 22 93 3 11 37 11 94 1 6 36 11 89 3 12 36 41 93 3	0 754 6P 6 7 962 6P 7 9 270 5P 7	P Mre. V. R. Gannaway P Sarold E. Finley A Mintford C. Ball A Victor T. Malloure A Florence A. Earow	2 3 5 2 3 5 2 3 5 2 3 5 3 7 C	Miller 2 SE Moherly Radlo KNCM Monett Monroe City	5579 Sullivan 5594 Lawrence 5871 Randolph 5700 Barry 5709 Woorce	10 37 11 6 39 24 8 36 55 6 39 39	91 44 -	30 9P 81 0 9A 9.	A Charles 8. Smith D William A. Garoutte P Radio Sta. KNCM A Kenneth G. Weuesr S J. 6. Conway	3 C 2 3 5 C 2 3 5
Coeterville Coeterville Coeterville Ranger Sta. Coetralia Chadwick Charlestos	1467 Seynolds 1472 Reynolds 1482 Booce 1490 Christian 1540 Misselseippi	1 37 26 90 5 1 37 26 90 5 6 38 12 82 0 14 36 56 93 0 6 36 56 89 2	7 - 8 9 - 8 3 - 7 1 - 9P 6	A Corda Jaes Barrinon A U.S. Forest Service A Earl W. Seymour A Sylvia Fietcher P Charleston Fire Oep	3 3 3	Mora Morehouse Monelle Mountain Grove 2 N Mount Yernon 3 SW	5754 Baeton 5762 New Wadrld 5819 Franklie 5834 Wright 5881 Lawreece	8 36 51 5 38 23 3 37 09 8 37 04	92 16 14 93 52 11	37 8: 33 SP 8: 74 SP 6:	D Emma M. Meyer P J. A. Speece A Ernest J. Foster A Mo Frult Exp Sta P Wm. E. Kirchhoff	3 3 2 3 5 7 C 2 3 5
Chillicothe 2 S Chillicothe Radio ECEI Clarkwille Dock & Dan Clearwater Oan Clifton City	1580 Llvingetoe 1565 Livingeton 1640 Plke 1674 Wayne 1704 Cooper	4 39 45 83 3 4 39 46 93 3 9 38 22 90 5 1 37 07 90 4 7 39 45 93 0	3 - 85 9 5 - MI 7 849 4P 7 2 - 7	A 8. D. Oupy S Eadlo Station SCRI O U. S. Engineers A U. S. Engineers A F. S. Neady	3 2 3 5 7 C 2 3 5 C 3	Neonho Nevada New Boeton New Florence New Madrld	5978 Newtoe 5987 Vernon 5998 Lien 6007 Montgomery 8040 Haw Madrid	9 37 50 4 39 57 7 39 55 6 36 35	92 51 - 91 27 9 99 31 2	52 5P 7. 30 6P 6: 35 8.	P U.S. Fisheriee Sta. A Ranry Kraft A Gerald R. Bill P Berbert H. Oavault A Wess Reenley	2 3 5 C 3 2 3 5 7
Cliatos 1 NVW Coloma Columbia VS Airport Coscaption Coscordia	1711 Benry 1773 Carroll 1790 Boone 1822 Modaway 1837 Lafayette	7 38 59 93	3 - 7 2 778 MID MI 1 1108 5P 5 4 780 7	A Loyd M. Willam A Jewel S. Truncell D U.S. Weather Bureau P Fr. Adelhelm Beas A Martle Brockmae	2 3 5 C 3 2 8 5 6 7 C 2 3 5 3	Dates Toeer Odessa Dregon Dregon 1 NE Deceola 3 NE	9293 Reynolds 8269 Lafayette 9357 Solt 8358 Nodaway 6407 St. Clair	7 38 59 7 39 58 9 38 05	93 57 - 95 08 10 95 08 10 83 39 -	93 6P 7.	A Ethel Sue Adame A Mm. E. Oougherty A James M. Curry D Addie A. Burtnett A Sam H. Simmone	3 2 3 5 7 3 C
Cook Station Crace Moustain Crocker Crystal City 1 F Cuba	1870 Crawford 1990 1ron 2004 Pulnek1 2081 Jeffarece 2043 Craeford	5 39 04 91	9 - 5 5 - 9 3 420 5P 5	A Thomas J. Gorman A Roy E. Thomilson P Charles ideo P Occar F. Tidd A Rev. Jos. B. Boland		Oweesville Ozark Dzark Beacb Pacific Palmyra	9439 Gascoeade 8452 Christian 6490 Taney 9489 Franklin 6483 Marlon	6 39 48	93 13 11 93 07 7 90 44 - 91 30 -	50 8A 9 7.	A F. W. Buschmann A William L. Reed A Empire Dis El Co A Arthur O. Leele A Jesse E. Oeorge	3 C 3 3 5 3 3 5
Denville 1 EME Deering De Ento Denter Doelphan	2085 Hontgomery 2158 Pemiecot 2220 Jeffersos 2235 Stoddard 2289 Elpley	7 38 55 91 10 36 12 89 6 38 09 90 10 36 47 89 1 38 37 90	3 255 7 4 - 7 8 - 6 0 344 6P 5	Clarence E. Carnell A Clarence E. Carnell A Esy E. Dewey A J. L. Jackson B Boyce Lackey	3 3 2 3 5	Parie Parma Pattomehurg Perry Perryville	6509 Monroe 6532 Mew Madrld 6595 Oavices 6633 Ralln 6641 Perry	10 36 37 4 40 03 6 39 26 6 39 43		7 MI MI 5p 7	A J. W. Reed A Laura E. Morgae D Wade O. Moody D Rev. C. B. Greee A John S. Bagan	3 3 C c
Dosiphas 2 W Dora Dovaing East End Edgertoe	2294 Elplay 2302 Ozark 2318 Schuyler 2406 Iroe 2474 Platte	1 36 37 90 12 36 46 92 6 40 29 92 5 37 41 91 7 39 30 94	3 - H1 2 - H1 22 - H1 8 960 6P	A Geo. Baumgardner O Alta M. Ocupree O Edward L. Baciar TA C. D. Smith TA Velma L. Jackeon	3 C C C	Plerce City Pleanaet Bill Polo Poplar Bluff Portagaville	6879 Laerence 9748 Caes 6775 Caldwell 9791 Butler 6799 Nee Madrid	7 39 33 1 36 45 6 38 26	94 17 - 94 02 10 90 23 3 89 41 2	18 7 32 7P 7 92 5P 5	A John P. Davis A Dean T. Enorpp A Reiph C. Ulhright D. M. Richardson P Portageville Rev.	3 3 3 2 3 5 2 3 5
Edisa E dom Eldorado Spriaga Elijab Ellisgtoe	2482 &nox 2503 &iller 2511 Cedar 2519 Ozark 2547 &nynolds	6 40 10 92 7 38 20 92 9 37 52 94 12 36 36 92 1 37 14 90	9 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 -	A Paul D. Pettit P Arthur gothwell P Clyde J. Boodgraea A Loyd Price A S. Phronia Sandere	2 3 5 3 3 3 C	Potosi 2 S Prieceton Puxico Qullu Reynolde	6926 Washington 6866 Mercar 6934 Stoddard 6970 Butler 7094 Raynolds	4 40 24 10 36 57 1 36 36 1 37 24	90 10 - 90 15 3 91 05 -	35 SP 5 7 15 7	D Arthur M. Rlehl P Glee L. Seenberg A J. W. Stelnmeler A Torrence J. Johns A Effic V. Hill	2 3 5 3 3 3
E leisore 1 E Elaberry Emisence 3 NNV Fairfax Farmington	2563 Carter 2591 Liecoln 2617 Shannon 2729 Atchlson 2809 St. Francolo	7 40 20 85 10 37 47 90	3 1250 MI 4 - 8 996 7P	EP Lloyd M. Privett  A Soll Conserv. Serv.  ED Eobert Fry  FA Olllard A. Price  BA F. M. Earsch	3 2 3 5 7 C	Richmond 7 N Richwoods Ridgeway 1 6E Roby Rogersville 1 ENE	7114 Rsy 7122 Washington 7130 Harrison 7214 Texas 7255 Webster	5 39 09 4 40 22 3 37 30 14 37 07	93 58 - 90 50 - 93 56 - 92 08 - 93 03 14	7 MI 7 MI 7 MI	D Drella E. Smith A Elma M. De Clue D Keith Jackeon A Roy E. Oanlels D Eugla V. Brackee	3 C
Parmington CAA AP Vayette Fink Foreyth Fountain Grove Wildlife	2811 St. Francol 2823 Howard 2881 Butler 2975 Taney 2995 Liviegeton	7 39 09 92 10 36 47 90 12 38 41 93 4 39 42 93	1 790 6P (	ID U.S. Civil Aero Ade EP Irvie B. Schnell 7A Jesee L. McKinzie 10 Mack Seothera 15 Mo. Cone. Coas.	2 3 5 2 3 5 3 C	Rolla School of Winee Rolla 3 W Rolla 4 SE Rolla 7 S	7283 Pbelps 7264 Phelpe 7285 Phelpe 7266 Phelpe 7287 Phelpe	5 37 54 3 37 57 5 37 56 3 37 51	91 43 11 91 50 8 91 43 10 91 48 9	00 MI 65 MI 40 MI 70 MI	A School of Mlees D Walter W. Seelson D Leslie R. Undercood D Mrn. H. P. Light D Gertrude Ponxer	2 3 5 C C C C C C
Fredericktown Fremont Tower Fulton 4 60 Galess Galletie 2 ME	3038 Madison 3052 Carter 3079 Callaway 3094 Stone 3102 Davices	10 37 34 90 1 36 58 91 7 38 51 91 14 38 48 93 4 39 56 93	28 1025 37 -	7A E. H. Laelie 7P U.S. Forest Service 5A F. Z. Billgartner 7A Barold O. Stawart 7A Frank Berehherger	2 3 5 C 3 3	Round 9prlng 6slnt Charlee Saint James 3 NW 6aint Joneph WB AP Saint Louis *B AP	7308 6hannon 7387 St. Charlen 7424 Phelpe 7440 Buchanan 7455 Saint Louis	5 38 01 7 39 46 7 38 45	90 29 4 91 40 10 84 55 9 90 23 5	90 8P 7 05 MI 09 M10 MI 52 WID MI	A C. E. Jones A Charles J. Kocelg D William 6. Jones U.S. Weather Bureau U.9. Weather Bureau	
Gerald Gover 2 F Granby Grant City Greeovilla 4 FFF	3178 Franklin 8300 Clinton 3341 Sewton 3369 Worth 3451 Wayne	5 38 24 91 7 38 39 84 8 36 55 84 4 40 29 94 10 37 11 90	985 W 5 1160 15 1134 6P 18 410 5P	SP Edwin B. Wemmer (D Patricia W. Grier 7A Mildred B. Batcher 7A J. Homer Sorn 7A C. L. Ruhottom	3 C 3 5 7 C 2 3 5	Saint Loule WS City Saint Louie University Saint Louis Wash. Univ Salem Saliebury	7470 8t. L. Clty 7508 Dent 7514 Charlton	8 38 38 9 38 39 5 37 38 2 39 29	90 14 5 90 18 5 91 33 12 92 48 7	78 7P 7 37 8A 8 06 7A 7 28 8P 5	O U.S. Weather Burant P 9t. Louis Univ. A J. Hopp R. Brust A E. E. Martin P Osvid B. Rohertson	2 3 5 2 3 5 9 C 2 3 5 C
Gregory Laeding Grovespring Railay Banden 2 EE Ranethal	3463 Clark 3483 Gright 3537 Barry 3565 Charlton 3596 Marlos	9 40 16 91 3 37 24 92 12 36 42 93 2 39 36 92 6 39 42 91	37 - 16 - 17 - M 1 759	7A Albert J. Euddick BA Roy W. McMeley 5P William Madison ID Mary M. White 7A Grover C. Wan Dyke		Saverton Lock & Oam 22 Sedalla Seligman Seneca Seymour 4 NNE	7632 Pettie 7645 Barry 7856 Newton 7674 Webster	7 38 42 9 39 31 8 38 50 12 37 12	93 14 9 93 58 15 94 37 - 92 45 18	10 SP 7 42 7P 7 40 SP 7	A Lockmaeter A Or. J. E. Cannaday A Floyd E. Fawver D Roses N. Harrisos A Clauds 8. Garfit	2 3 5 2 3 5 2 3 5 2 3 5
Sansibal Cater Vorks Sarrie Sarrieosvilla Sanlegreen 2 V Segriatta	3601 Marion 3641 Sullivan 3649 Came 3713 Laclede 3779 Bay	6 39 41 91 4 40 18 93 8 35 39 94 3 37 46 92 7 39 14 93	21 - M 20 904 6P 27 - 56 693 M	to Eoger C. Higgine ID John E. Miller 7A J. B. Pattereon 8A Nelvin S. Gallion IO Villiam S. Rarriao	2 3 5 7 C C 2 3 5 3 C C	Shelblum Shelbyville Slkeeton Sikeeton Crop Exp Fm Silomm Spriegm	7720 Shelhy 7728 Shelhy 7770 Scott 7772 New Madrld 7780 Bowell	8 38 53 9 38 51 12 38 48	92 02 - 88 35 3 89 35 - 82 04 -	19 7A 7 5p 5	A Drvllle L. Payee P Emmett L. Goe A Lucy W. Sumphreys P Carl O. Luper A Beee M. Byere	2 3 5 7 3 2 3 5 7 2 3 5 3
Bermane Barmitaga Sigbee 5 9 Sighpolet 2 gw Boreersville	3793 Gasconade 3799 Bickory 3835 Soward 3849 Moniteau 3999 Dunklin	7 38 42 91 9 37 56 93 7 39 14 92 7 38 28 92 10 36 03 90	19 - 6P 30 - 37 - M 06 - M	7A Joseph Wunderlich 5P Barold S. Carletro 1D Silds M. Hargie 1D Mrs.John E. Dutche 1D Sallie S. Perkine	c c	Skideore Speed 2 W Spring City Springfield WB AP Stanberry	7813 Nodaway 7960 Cooper 7867 Newtoe 7876 Greene 8003 Gentry	4 40 12	82 50 - 94 32 - 83 23 12 84 33 -	MI MI 95 MIO MI MI	D Nina B. Geyer D Richard 8. Stegner D Gladye J. Cameron O U.B. Weather Burekt D R. Truesan Wagere	C
Sounton 1 SE Sounton 1 SE Jackson Jelf City Radio EVOS Jefferson City	4019 Texas 4021 Texas 4228 C Girardeau 4271 Cole 4279 Cola	7 38 34 92 7 38 34 92	56 - M 10 428 5P 12 557 6P	6P The Houston Serald ID Elecor Joheson 5P Danny Siebert 7A KWOS Sadlo Farm 7A Soht, S. Heederon	2 5 5 2 3 5 7 C 5	Steelville 2 N Steffenville Stet 6 58 Stover Sullivan 5 E	8043 Crkwford 8051 Lewie 8063 Carroll 8112 Morgan 9171 Franklin	5 38 00 8 39 59 7 39 21 7 39 27 5 38 13	81 53 9 93 41 - 93 59 11 91 04 -	50 9P 7 W1 10 7 7	A Alfred E. Goodmae A Facele V. Oroce O Edmard Stevens A B. Kyle Ylckrey A George J. Huesaan	3 C C C C C C C C C C C C C C C C C C C
Jerome Juvectt Jopiim CAA AP Emboka Emmase City WB Airport	4291 Phelpe 4299 Madisce 4315 Jasper 4349 Clark 4359 Clay	5 37 58 91 10 37 23 90 6 37 10 94 6 40 25 91 7 39 07 94	29 - M 30 962 MID M 43 - 35 741 M10 M	7A Louie F. Brickley 1D Fred Goelkel 1D U.S. Civil Aero Ad 8A Veeley E. Sayden 1D U.S. Veather Eurea	3 C 2 3 5 7 C 2 3 5 7 C	Summeraville Summer 2 Be Sweet Spriegs Tarkio Tecuaseh 2 M	9194 Texas 9169 Livingeton 6223 Saline 9289 Atchlson 9313 Deark	1 57 11 4 39 38 7 36 58 7 40 27 12 36 37	93 17 93 25 95 23 92 17	90 9P 6 9P 6 7	A Ruth Wall A John W. Gullford P Rerhert F. Nelson Ja P Leeter B. Morton A Say H. Hunt	3 3 3 5 7 2 3 5 7 7 3
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Esytwevilie 4 FE Sidder Sing City Sirkeville Sadio SIRX Sirkeville CAA AP	4449 Charitos 4481 Caidwell 4503 Gestry 4544 Adair 4349 Adair	2 39 27 92 4 39 47 94 7 40 03 94 6 40 13 62 6 40 06 92	31 1095 35 - 8P	7A Percy * . Eyan 7A CLOSED	2 3 5	Delonville Wailey Park Wan Suren 1 8 Wandalik Wanzant 4 88	8523 Putnas 8581 Saint Louie 6589 Carter 8577 Audrain Douglas		90 29 91 01 5 91 30 7	1D 7 00 7 96 5P 5	A George D. Choate A Say C. Estee P Junior W. McSpadds: P Naomi E. Stoutx A C. D. Smith	2 3 5 3 3 2 3 5 3

- 151

#### STATION INDEX

Continued								_											OCACESE 1889
Statioo	Ounty County	Drainage ‡	Longitude	tion	Obsevation time	n	Refer to tables		Station	Index No.	County	Drainage 3	Latitude	Longitude	Klevation	Temp. rat	goi	Observer	Refer to tables
Veraniliss Vioby 2 65 Vioby CAA AP Vianna 3 NW Villa Ridge 3 NW	8503 Morgan 6512 Mariss 8514 Maries 6620 Mariss 8630 Franklin	7 36 28 5 36 05 3 36 06 9 36 13 7 36 29	81 46 92 00	-	ID M	P Gene M. Sartram D Virginia F. Huffman D U.S. Civil Asro Adm O James McEinney O Vincent Sellman							HEA	6TATIO	16				
Waco eappapello Dam Warrenshurg Cent, T. C. Warrenton i N Warsaw No. 1	8664 Jaspar 8700 Wayns 6712 Johnson 6725 Warran 6733 Senton	11 37 14 10 36 55 7 35 46 5 36 49 9 38 15	90 18 93 44 91 08	578 567	SP SP	A Lester O. Sigars A U.S. Engineers Cent. Teach. Col. F. T. Zimasrman C. C. Hoopfinger	3 2 3 5 7 C 2 3 5 C 2 3 5 C 2 3 5 7		Hamilton California K. C. Orees Savas Cest		Caidwsll Moeiteau Clsy	7	38 36	84 00 92 34 94 33	870	85	SP .	Tossph R. Riddle Jack P. Crawford E. D. Yarthisg	2 3 5 2 3 5 2 3 5
Warsaw No. 2 Waehington 3 8 Waeola Waverly Waynssviils 2 W	8738 Senton 8745 Frankin 6764 Ozark 8768 Lafaystte 5777 Pulaski	9 38 15 7 38 31 12 35 47 7 39 12 3 37 49	91 00 92 34 83 31	1294 790	5P M	A John W. Gurks D Joe Ludewig A A. W. Pinoknsy A Jsess J. Fooss P Raiph N. Land	3 C 2 3 5 C 2 3 5 7												
Wabster Oroves Weingarten West Plaine Williamsburg 2 5W Williamsville	9791 Saint Louin 8789 St Censvisve 8680 Rowsll 6980 Callaway 8984 Wayns	5 38 35 5 37 53 1 36 44 7 38 55 1 36 58	90 13 91 81 91 45	633 1005 620	SP 4ID M	Thomas 0. McCawley William J. Miller D U.S. Wsather Bureau CLOSED A Ocorgs W. Julian	2 3 8 2 3 5 2 3 5 2 3 8 7 C 7/10/84												
Willow Springs Willow Springs For Ser Windsor 3 NW Zelma S S	5995 Howsll 9000 Howell 9032 Johnson 8176 Sollinger	12 38 89 1 36 89 9 36 33 8 37 10	91 59 93 33	:	SP M	A Allen Frazes D U.6. Forset Service A Logan Sutherland A J. Monros Nuii	2 3 8 2 3 5 7		# Continuation of Side	iar									

#### REFERENCE NOTES

The four digit identification oumbers in the index number column of the Station Index are assigned on a state basis. There will be no duplication of numbers within a state.

Figuree and letters following the etation name, such as 12 SSW, indicate distance in miles and direction from the post office.

Observation times given in the Statioo Index sre in local etandard time.

Delayed data and correctione will be carried only in the June and December iesues of this hulletin.

Station camee appearing in tables, but for which data are not listed, are either missing or received too late to be iccluded in this issue.

1 ORAINAGE CODE: 1. Black 2, Chariton 3, Osscoonds 4, Orand 5, Maranso 6, Mississippi 7, Missouri 5, Neosho 9, Osage 10, Saint Francis 11, Salins 12, Spring 13, Tarkio 14, White

Ucless otherwise indicated, dimensional units used in this hulletin are: temperature in °F., precipitation and evaporation io inches, and wind movement in miles. Degree days are based on a daily average of 65°F. Evaporation is measured io the atsudard Weather Bureau type pan of 4-foot diameter unless otherwise shown by footnote following Table 6.

Sleet and hail were included to snowfall averages in Table 1, beginning with July 1948.

Amounte in Table 3 are from noo-recording gages, unless otherwise indicated.

Data in Tables 3, 5, 6, and soowfall data in Table 7 are for the 24 hours ending at time of observation. See the Station Index for observation time.

Snow on ground in Table 7 is at observation time for all except Westher Bureau and CAA stations. For these etations snow on ground values are at 0630 CST, "WTR EQUIV" to Table 7 means the water equivalent of snow on the ground. It is measured at selected stations when the depth of snow on the ground is two inches or more. Water equivalent samplee are necessarily taken from different points for successive observations; consequently occasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- Data io the column formerly headed "No. of Days .01 or more" have heen changed to "No. of Daye .10 or more" effective January 1, 1954.

  No record io Tahles 3, 6, 7, and the Statico Index. No record in Tahles 2 and 5 is indicated by no entry.

  And also on a later date or dates.

  Amount included in following messurement, time distribution unknown.

  Gage is equipped with a windehield.

  Adjusted to a full month.

  Bata for recorder stations, denoted by "C", are processed for epecial purposee and published later in Hourly Precipitation Data.

  Water equivalent of soowfall wholly or partly estimated, using a ratio of 1 inch water equivalent to every 10 inchee of new snowfall.

  One or nore days of record missing; eee Table 5 for detailed daily record. Degree Day dats, if carried for this station, bave heen adjusted to represent the value for the full month.

  Amounts from recording sage. (These snownts are escentially securate but may vary slightly from the snownts to be published later in

- Amounte from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Hourly Precipitation Data).

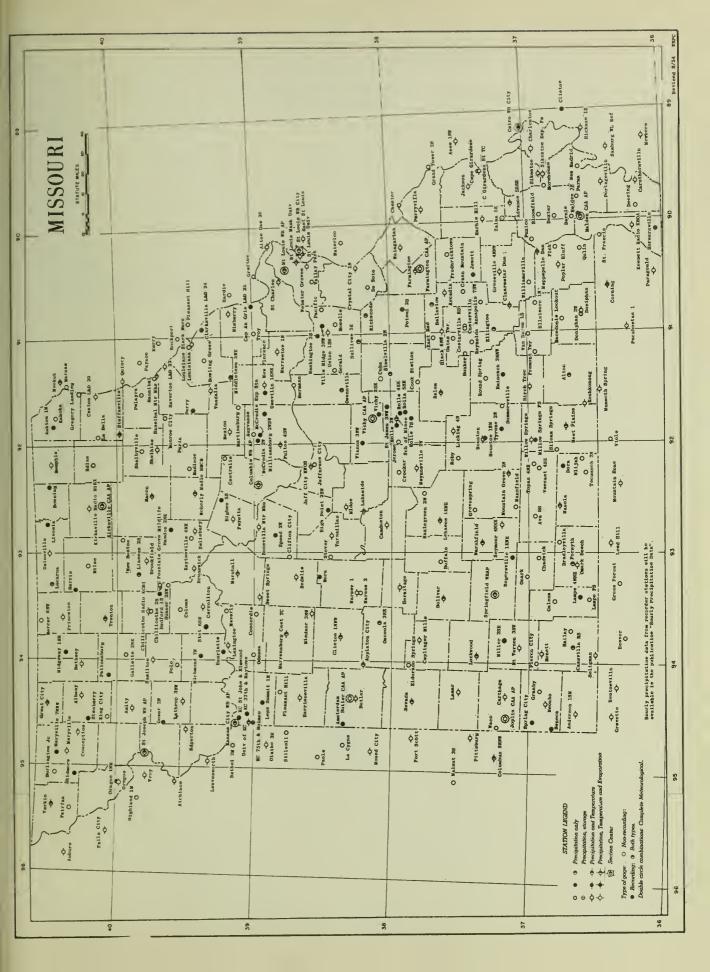
  Trace, an amount too emall to measure.

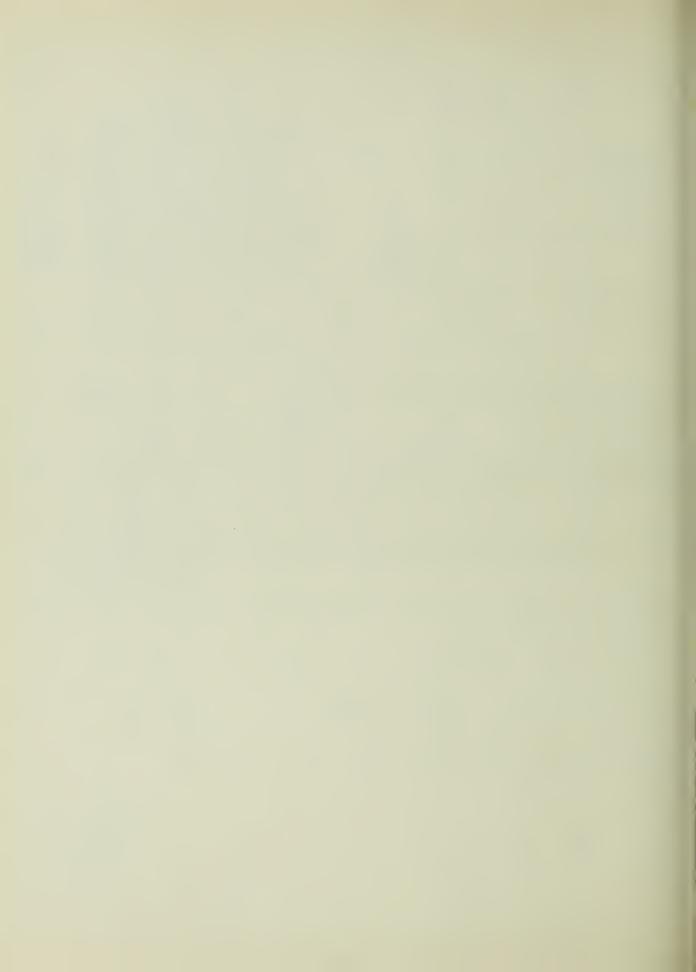
  Includes total for previous month.

  This entry in time of observation column in Station Index mesoe observation made near cunset.

Subscription Price: 20 ceots per copy; moothly and annual, \$2,50 per year. (Yearly subscription includes the Annual Summary.) Cbecke and money orders should be made payable to the Superintendent of Documents. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documente, Government Prioting Office, Washington 25, D. C.

W.R.P.C., Kaosas City, Mo., -- 12-20-54 -- 940





551.05 UNMS nat. Kest.

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WEATHER BUREAU
F. W. REICHELDERFER, Chief

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## CLIMATOLOGICAL DATA

**MISSOURI** 

NOVEMBER 1954
Volume LVIII No. 11





#### MISSOURI - NOVEMBER 1954

#### WEATHER SUMMARY

November was warm and very dry. Farm work progressed ahead of normal. Pastures and grains remained good to the end of the month but the soil was drying.

The cool spell which began October 27th lasted until November 5th with the coolest temperatures of November being registered at many stations on the 2d and 3d. The lowest was 13° at Hermitage on the 3d and at Fountain Grove on the 25th and 26th. A mild spell began on the 6th and lasted two weeks. The highest temperature for the month was 80° at Neosho on the 7th. Temperatures averaged near normal from the 20th to the end of the month. Monthly mean temperatures ranged from 42.0° at Unionville to 51.0° at Monett. The State average was 46.4° or 1.8° above normal.

There were, in general, two significant rainfall periods. Moderate rain with some snow fell over the southeast half of the State on the evening of the 3d. Moderate to locally heavy rains, with some 24-hour amounts exceeding an inch, occurred on the 18th except over the northwest portion. Light scattered showers also fell on the 23d and 30th. Coloma and Harrisonville received no rain during the entire month and a dozen or so counties in the Kansas City-St. Joseph area received less than one-tenth inch. It was the driest November of record at some stations in the southwest and over some parts of the north. In general, rainfall during the month amounted to less than a half inch over the area northwest of a line from the northeast corner of the State to the southwest corner. Southeast of this line, monthly totals ranged up to 2.54 inches at Gerald which reported more than any other station. Each station received less than its November normal rainfall; departures ranged from - 0.43 inch at Jerome to -3.56 inches at Parma.

Wet ground early in the month delayed field work in the southeast but the extended mild dry weather enabled the farmers to progress rapidly ending the month with farm operations ahead of normal. Although the soil was becoming drier at the end of the month, the wheat was above average and pastures were generally in good condition.

Lucius W. Dve

## SUPPLEMENTAL DATA

MISSOURI NOVEMBER 1954

	Wind	direction		Wind m.	speed p. h.		Relati	ve hum	idity ave	rages -		Numl	ber of d	ays with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12:30A CST	6:30A CST	12:30P CST	6130P CST	Trace	9010.	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
COLUMBIA WB AIRPORT	NW	12	10.0	37	NW	24	71	79	49	55	7	3	2	0	0	0	12	65	4.5
KANSAS CITY WE AIRPORT	S	17	9.1	33	NW	1	63	70	46	45	5	2	0	0	0	0	7	68	4.2
ST. JOSEPH W8 AIRPORT		-	-	-	-	-	-	-	-	-	7	2	0	0	0	0	9	-	-
ST. LOUIS #8 CITY	NW †	17†	8.7	34	W	24	70 <b>†</b>	78†	54 🕈	63†	4	4	3	1	0	0	12	51	5.9
SPRINGFIELD WE AIRPORT	5SE	24	12.6	45	5E	30	75	81	56	65	2	3	1	1	0	0	7	76	3.9

†--airport data

### COMPARATIVE DATA

NOVEMBER

	T	emperatu	ire	P	recipitation	n		Te	mperatu	re	Pr	ecipitatio	n		Te	mperatu	re	P	recipitatio	on .
Year	Average	Highest	Lowert	Average	Average		Year	Average	Highest	Lowert	Average	Average		Year	Average	Highest	Lowest	Ачегаде	Average	
1888 1889 1890 1891 1892	41.8 39.9 48.5 39.8 40.1	87 78 80 82 79	15 8 14 - 7 9	3.39 3.52 2.38 4.14 2.75	0.8 T		1913 1914 1915 1916 1917	51.7 48.8 49.5 46.9 48.1	80 89 87 85 80	11 2 12 3 8	2.71 0.89 2.83 2.48 1.23	0.1 0.1 0.1 0.1		1938 1939 1940 1941 1942	45.9 43.5 42.2 45.5 47.9	89 78 83 85 82	2 12 - 2 10 6	4.28 2.58 3.46 2.29 4.27	1.3 0.0 1.2 1.9 0.8	
1893 1894 1895 1896 1897	40.9 41.0 41.8 42.3 43.4	79 80 82 82 82	- 1 3 - 4 - 5 - 3	1.70 1.58 3.60 2.43 2.83	0.3 T 3.2 0.2 T		1918 1919 1920 1921 1922	44.9 42.2 40.9 45.8 47.8	85 78 82 84 84	12 2 8 10 15	3.26 3.57 1.06 3.11 3.68	1.2 1.0 T 0.4		1943 1944 1945 1946 1947	42.7 47.0 46.3 47.0 41.0	81 88 86 81 73	9 1 8 13 9	0.93 2.34 1.39 8.44 2.65	0.4 0.2 0.2 T 0.5	
1898 1899 1900 1901 1902	39.9 49.5 43.7 43.8 50.1	79 82 84 84 85	- 8 18 7 9 18	2.32 2.02 2.99 1.48 3.73	2.3 0.2 0.2 0.3 0.4		1923 1924 1925 1926 1927	45.1 48.7 42.8 39.6 48.8	79 88 80 78 89	14 4 - 2 0 12	2.25 1.78 3.05 3.01 3.66	3.0 0.5 2.0 4.3 0.9		1948 1949 1950 1951 1952	46.5 47.6 39.9 38.4 44.9	87 87 90 78 88	10 10 -12 - 4 - 1	3.64 0.45 1.69 3.75 3.44	0.2 T 1.1 8.0 1.2	
1903 1904 1905 1908 1907	40.9 48.3 45.8 42.5 43.8	79 83 83 88 88	2 11 2 - 3 11	1.27 0.22 1.87 3.58 2.24	1.1 T T 5.0 T		1928 1929 1930 1931 1932	44.6 39.0 45.8 52.2 39.5	79 78 83 87 75	9 - 8 8 17 - 9	5.02 1.46 2.93 5.42 1.87	0.5 2.1 T 1.4 4.5		1953 1954	46.5 46.4	81 80	9 13	1.01 0.84	ř <sup>2</sup>	
1908 1909 1910 1911 1912	47.8 53,8 42.0 39.1 45.9	87 87 83 83 85	9 11 11 - 3 12	3.90 4.32 0.35 2.83 1.50	0.2 0.4 0.1 1.1 0.1		1933 1934 1935 1938 1937	45.9 48.5 42.2 42.2 41.0	83 84 82 79 90	7 16 10 0 - 7	0.93 5.71 4.18 1.89 1.85	0.2 4.8 0.1 1.4 4.1								

Averages for the period 1948 to date have heen weighted according to area and are not comparable with unweighted values published in this table for earlier years.

					Ten	рега	ture	·		Ţ					P	recip	itation			,		
					- Ira				, s4	1	No. of De	ys		lac	Day		Snow,	Sleet, F	Iail	No	of I	ey
Station		num	e Sine	ge	ture Normal	est		44	2	1	fax )	4in.		Norra				Ground Ground		Moure	More	
		Average Maximum	Average	Average	Departure From Nor	High	Date	Lowe		90° or	32° or Below Below	Below	Total	Departure From Nor	Greatest	Date	Total	Max on G	Date	.)0 or h	50 or	30
NORTHERN D VISION										+												7
REBANY MATTY SETTIAN I BROUKFIELD BROUKFIELD BROUKFIELD BROUKFIELD BROUKFIELD BROUKFIELD CANTON L AND D 20 CARROLLTON HILLICOTHE RADIO KCHI CONCEPTION DOCERTON DOCERTON DOCERTON LOBERTON AVETTE COUNTAIN GROVE WILDLIFE OUTON 4 SW RANT CITY AWHITTON IANNIBAL WATERWORKS ANSAS CITY WA AP C GREEN HAVEN WEST IPKSVILLE RADIO KIFX IPKSVILLE CAA AP ATHROP 3 SW CATON CATON CATON CATON BROUF BROUK BROUKFIELD EMPHIS EALTON LATON	R R R	57.9 57.4 61.0 57.4 61.0 54.5 56.7 56.3 57.9 56.5 57.3 57.9 56.5 57.9 58.8 88.8 57.5 58.9	33.2 34.4 33.4 33.4 33.4 33.4 33.7 34.7 34.7	45.6 45.6 45.9 47.7 44.0 46.0 46.0 46.0 46.0 46.1 45.2 45.3 46.1 47.0	2.0 5.3 1.3 3.9 2.8 5.3 4.2 1.2 3.4 4.9 2.1 4.6 2.6 0.3 5.1 3.4 4.9 3.4 4.9 3.4 4.9 3.4 4.9 3.4 4.9 3.4 4.9 3.4 4.9 3.4 4.9 3.4 4.9 3.4 4.9 3.4 4.9 3.4 4.9 3.6 4.9 3.6 4.9 3.6 4.9 3.6 4.9 4.9 4.9 4.9 4.9 4.9 4.9 4.9	76 73 77 78 77 77 78 77 78 77 78 77 78 77 78 77 78 77 78 77 78 77 78 77 78 77 78 77 78 77 78 77 78 77 78 77 78 77 78 77 78 78	11+77711118+89+7771118+11163138+11778+11+11178+1178+11178+1188+11888+11888+11888+11888+11888+11888+11888+11888+11888+11888+11888+11888+11888+11888+11888+11888+1	16 2	\$ 565.5 \$ 563.6 \$ 563.		0 0 139 0 13	000000000000000000000000000000000000000	0.15 0.15 0.07 0.10 0.095 0.13 0.16 0.13 0.07 1.49 0.40 1.50 0.23 1.62 0.04 0.15 1.62 0.04 0.15 1.62 0.04 0.15 1.62 0.04 0.15 1.62 0.04 0.15 1.62 0.04 0.15 1.62 0.04 0.15 1.62 0.04 0.15 1.62 0.04 0.15 1.62 0.04 0.15 1.62 0.04 0.15 1.62 0.05 1.62 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.0	- 1.c1 - 2.53 - 1.97 - 2.11 - 1.76 - 2.02 - 2.03 - 1.74 - 1.97 - 1.20 - 1.97 - 1.20 - 1.97 - 0.82 - 1.45 - 2.15 - 0.75 - 2.13 - 1.87 - 0.79 - 1.90 - 1.78 - 0.79 - 1.90 - 1.79 - 1.90	0.10 0.08 0.64 0.16 0.06 0.23 T T 0.10 0.05 1.37 0.40 0.05 0.20 0.05	221 223 224 219 210 218 218 218 219 300 28 307 227 21 218 218 219 227 2118 218 219 219 219 219 219 219 219 219 219 219	T T O O O O O O O O O O O O O O O O O O	000000000000000000000000000000000000000	1	1000011000011100001111000011111000011111	000000000000000000000000000000000000000	
SOUTHWESTERN DIVISION  NOERSON 1 SW PPLETON CITY OLIVAP POONVILLE WATERWORKS UITLER CAA AP ALIFORNIA ALMOENTON APLINGER MIČLS ARTHAGE LINTON 1 NNW LOON ARREISONVILLE HERMITAGE HERMITAGE LERMITAGE LERMITAGE LERMITAGE LERMITAGE LERMITAGE LERMITAGE LERMITAGE HERMITAGE LERMITAGE	R//	62.5 59.0 58.6 55.2 55.9 57.9 59.1 60.5 58.1 58.8 60.0 57.7 59.3 58.9 60.0 57.2 60.0 57.2 60.0 58.5 60.0 57.7 58.5 60.0 60.0 60.0 60.0 60.0 60.0 60.0 60	30.0 34.9 36.6 34.2 34.1 34.7 37.0 38.3 35.5 36.6 30.4 35.5 36.6 38.8 36.7 32.0 33.5 36.0 33.5 36.0 33.5 36.0 37.3	46.3 47.0 47.0 44.7 45.0 46.3 48.4 49.4 48.1 44.3 46.9 47.7 46.0 47.9 47.5 46.9 47.5 45.0 45.0 45.1 47.5 46.9 47.5 46.9 47.5 46.9 47.1 47.1	- 3.0 1.0 0.8 2.2 2.6 0.8 3.1 1.5 - 0.4 1.9 1.7 1.1 1.0 4.6 2.0 3.8 2.2 3.8 2.2 3.4 - 0.9	79 75 75 74 76 76 76 76 75 75 75 75 75 77 76 73 73 73 73 73 73 73 74 76 75 75 75 75 75 75 75 75 75 75 75 75 75	8 8+ 7+ 13 17 8 9+ 18 8+ 11 12 8 8 7+ 8 16 7 7+ 15 8 7+ 9 8 16 8 8 8+		5333 4945 4595 4662 4662 4775 505 500 500 500 500 500 500 500 500		1 1 0 0 1 1 1 0 0 0 1 1 1 0	000000000000000000000000000000000000000	0.29 0.25 0.61 0.10 0.04 T 91 1.74 0.37 0.05 1.06 0.08 0.30 0.10 0.47 0.47 0.47 0.53 1.83 1.83 1.83 1.84 0.47 0.53 1.83 1.83 1.83 1.83 1.83 1.83 1.83 1.8	- 3.06 - 2.05 - 1.97 - 2.11 - 2.76 - 2.11 - 1.39 - 2.14 - 1.50 - 2.47 - 1.83 - 2.61 - 1.97 - 1.18 - 2.11 - 2.97 - 2.47 - 1.19 - 2.11 - 2.97 - 2.10 -	0.28 0.13 0.26 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0.0	21 30 1+ 18 18 14 4 4 4 18 3 27 19 24 4 19 19 19 19 19 19 19 19 19 19 19 19 19	0.0 T	000000000000000000000000000000000000000	2+	2 1 2 1 2 2	0000012000011000001110000011100000111000000	
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				19					99	No.	of Da	178		To .	>		Snow,	Sleet, I	Hail	No of Days
Station	Average	Avorage	Average	Departure From Norm	Highest	Date	Lowest	Date	Degree Days	Max VANA 25 05 05 05 05 05 05 05 05 05 05 05 05 05	2 3 2	din.	Total	Departure From Norm	Greatest Day	64:17	.fod	Max. Depth	Date	30 or Mare 11.00 ct More
IRCH TREE LACK 6 NM APE GIRARDEAU MO ST ARUTHERSVILLE HARLESTON FARWATER DAM RYSTAL CITY 1 N DAIPHAA ARMINGTON ARMINGTON ARMINGTON ASON LASON LASON LASON LASON LASON CALLE 4 NAW DISTON ASON LA	61.9 59.4 63.0 62.4 55.1	37.2 38.7 36.7 36.9 31.5 32.1 31.7 32 31.3 32.2 32.3 34.5 34.6 25.9 34.5 34.8 37.6 36.7 39.5 40.1	40.7 M	0.1 0.1 0.5 0.8 1.4 1.3 -0.6 1.2 1.5 1.2 2.4 0.9 1.4 2.1 0.0 -1.2 0.0 -1.2 0.7 0.7	74 78 76 75 75 76 77 76 77 78 70 74 77 78 77 78 77 78 77 78	12+ 13+ 13 15 11 11 14 15 12+ 13 9+ 12* 11* 11* 12+ 11*	15 14 22 25 22 16 17 16 18 18 18 18 19 20 21 11 15 19 21 21 22 22 21 21 21 21 21 21 21 21 21	3 2+ 3 26 3 3 3 3 3 3 3 3 3 3	542 592 496 415 504 450 52: 543 561 53: 53: 53: 53: 53: 53: 53: 53: 53: 53:		8 8 144 166 166 167 167 167 167 167 167 167 167		0.70 1.85 1.07 1.05 1.77 1.19 1.79 1.19 1.79 1.19 1.19 1.19	- 2.46 - 0.87 - 2.51 - 2.80 - 1.63 - 2.26 - 1.47 - 1.08 - 0.94 - 2.23 - 2.62 - 1.14 - 2.20 - 1.87 - 0.89 - 1.38 - 1.38 - 1.32 - 2.86 - 1.47 - 2.20 - 1.47 - 2.20 - 1.47 - 2.20 - 1.47 - 2.20 - 1.49 - 2.23 - 1.49 - 1.39 - 2.86 - 1.39 - 2.86 - 1.39	0.62 0.65 0.40 0.58 1.24 0.82 0.82 0.72 0.82 0.76 0.36 0.41 1.60 0.41 1.60 0.95 0.61 0.74 0.82 0.95 0.95 0.90 0.30 0.29 0.30 0.29 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.3	18 19 19 19 19 19 19 19 19 19 19 19 19 19	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	000000000000000000000000000000000000000	22	2 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Table 3																														NOVE	MBER	. 954
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12		of m	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	26	29	30	31
AOVANCE 5 ESE ALBANY ALTON AMITY ANDERSON 1 SW	.47 .10 .90 .15		T •01		•18 •16 •28						т							т	.06	.23		.10	.08	.02 T	т			.04 T .05	Т		7	
ANNAPOLIS 7 SW APPLETON CITY ARCAOIA AUXVASSE AVA RANGER STATION	.96 .25 .95 1.15 1.16	T T	.02	•10	•28 •13 •30														T T •91	.58 .65 .14 .84	.05	T	•02		•01			1			•02	
BELLEVIEW 8ERNIE 8ETHAMY 8IRCH TREE 8LACK 6 NW	.80 .65 .07 .70		T .60		•11 •21 •30														T • 62	.80 .36	.01	.04	.02		7		•1T	.01			•03	
BLOOMFIELO BOLIVAR BOONVILLE WATERWORKS BOWLING GREEN BRADLEYVILLE	.48 .61 .10 1.37	T •02	T T -	- 26	.17 .16	_	_	_	_	т -	-	_	_	-	_	Т _	_	_	-07	.10 .10 .02 1.00	-04	.02	T:12	т	.01	-	_	.01	.01 .23	_	-02	
BROOKFIELD BRUNSWICK BUFFALO BUNKER BURLINGTON JUNCTION	.10 .08 1.46		Ţ		-44														1.25	.02 1.02 .10	т	.15		.02	.06			.06				
BUTLER BUTLER CAA AP CALIFORNIA CAMOENTON CANTON L AND 0 20	.04 T .91 1.74	T T .03	т	.01 T .02	.01					т									.56 .63	.02 .25 .51	т	T .23	.01	T •25 •03	.04		Т	.02 .03 .10	.05		.03 T .03	
CAPE GIRARDEAU MO ST CAPE GIRARDEAU CAPLINGER MILLS CARROLLION CARTHAGE	1.07 1.16 T .13	T	*02 T	т	•31 •28	.01	l				•03								T.01	.65	.02	T .06		.01	• 02			•07	Т		T •02	
CARUTHERSVILLE CASSVILLE RANGER STA CENTERVILLE RANGER STA CENTERVILLE RANGER STA CENTRALIA	1.05 1.78 1.23 1.25		T •02		•18 •34 •31 •28												. 02	Т		.40 1.41 .86 .96	.13 .03 T	т	•03 T		*01 •01 •05			.30		.02	1	
CHAOWICK CHARLESTON CHILLICOTHE 2 S CHILLICOTHE RADIO KCHI CLEARWATER OAM	1.56 1.27 .07 .10 1.09	Т	T T		.36 .20												.03		т	1.20 .58	•08	T .03 .04	•01	.25	•02 T	Т		.21 T	. 02 T		т	
CLIFTON CITY CLINTON 1 NNW COLOMA COLUMBIA W8 AP R CONCEPTION	.15 .05 .00		T T	-01	•05						Т								.33	•15 T	т	T		*04 T	т		.09	T T	т		•11	
CONCORDIA COOK STATION CRANE MOUNTAIN CROCKER CROSTAL CITY 1 N	.01 1.48 1.08 -	-	-01	T - .04	.30		-	-	` -	т -	-	-	-	-	-	-	~	-	T _ 1.24	1.18	-	T _	-	T - .05	-	-	-	-	-	-	T - •20	
CUBA OEERING OE SOTO OEXTER ON IPHAN	1.95 1.06 1.41 .36 1.16		•03 •02 T		.32 .18 .28													Т		1.60 .49 1.08 .06	.09 .01 .03	•02	т	.02	т	Т		.30 .12 .07				
OONIPHAN 2 W EAST END EOGERTON EOINA ELOON	1.01 1.45 T .41 1.06	.03	т	•15	•18 •35														T •71	.65 .95	.10 .15	T •27	т	.03	T • 05			+08 T +02 T	.03		T •06	
ELOORAOO SPRINGS ELIJAM ELLINGTON ELLSINORE 1 N ELSBERRY	.89 1.34 .52 1.83 1.62			•45	.14 .42 .27 .20														.30	.80 .25 .69	т	т	.05	т	.03			.12 .10			T	
FAIRFAX FARMINGTON FARMINGTON CAA AP FAYETTE FISK	T 1.35 1.74 .13 1.27	-18	•06	•25 T	•25 •03													T T	.82 .03	1.02	.01	*01 *01 T	т	•03 T	т		т	•12			•17 •10	
FOUNTAIN GROVE WILOLIFE FREDERICKTOWN FREMONT TOWER FULTOM 4 SW GALENA	.07 2.14 1.07 1.49		т		•25 •22	.04	4													1.77 .85 1.37	.12	.02 T		Т	T •01		т	۰06	. 05		л	
GALLATIN 2 NE GERALO GRANBY GRANT CITY GREENVILLE 4 NNW	.12 2.54 .21 .40 2.28	-04	, т	•04	.40														T +85	.95 .07	.24	•09 T	•40	.05	т			.03	Т		•21	
GREGORY LANDING GROVESPRING HAILEY HAMILTON HAMILTON	.72 1.37 1.53 T	Т		•	•17 •25															.27 1.20 1.20	т	.25	T T		.08			.05 T	.07		.08	
MAMNIBAL WATERWORKS MARRISONVILLE MAZLEGREEN 2 W MERMANN MERNITAGE	1.31 .00 1.77 1.14	Т			.40 .14														.90	.06 1.37 .78		.10 T		.08			.11	T • 22	.05		.01	
MOUSTON JACESON JEFF CLTY RADIO KWOS JEFFERSON CLTY JEROWE	1.59 1.15 .89 .72 2.04	Т	•04 T	•18	•21														•82 •71	.20 .76 .01 .58	.03	.01		.05 T	T •02 •05			.05 T .04			.12	
JOPLIN CAA AP FAMOFA FANSAS CITY WH AP FC GREEN HAVEN WEST FCANSAS CITY UNI OF K.C	.30 .42 .04	T		• 21															.01 T	.07	т	T T	. 35	•02	• 01		•02	. 05 . 03			.02 T	
FEMMETT PADIO KBOA FETTESVILLE 4 NE FING CITY KIRFSVILLE RADIO KIRX FIRESVILLE CAA AP P	.84 - .11 .25	_	*0 5 7	-	-16	-	-	-	-	-	-	-	-	-	-	-	.04	-	- T T	-36	-	- .20 .15		- .04	-	-	- T	•22 -	•01 •01	-	- -11 T	
FOSHFONOPO A RELLE AFESTOR AMAR LAMPF FOREST SERVICE	1.14		•0;		•21 •38 •48 •29	}					т									.41 .25 .69 .06	.52 T	*177	•02	-	•01			• 02 T			.04	

Table 3-Continued																														NOVEN	ABER 1	1954
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	Day 13	7 of m	onth 15	16	17	16	19	20	21	22	23	24	25	26	27	28	29	30	31
LEBANDA & ENE LEBANDA & ENE LEBANDA & ENE LEBANDA & M LICKING & M LINEUS 2 S	T 1.46 .01 1.50	т	т		. 32					Т	Ť								T	T	T T	.03	т	.02	*01 T			Т	T .08		т	
LOCK WOOD  OU STANA STANKS NUR LOU STANA LUCERNE MACEDONIA LOCKOUT	.47 1.67 1.58 .16	.07		т	.37 T														.65 T	.06 .51 1.18	.05	.10	-01	T .09	.07			.15	T .07		.10	
MACON MALDEN CAA AP MALDEN CAA AP MANSFIELO MARBLE MILL	.29 .32 .65 1.64	т	т	٥٥.	.05												т		.41	.06 .22 .05 1.23		.08 T	т	т	.04		•02	.04	.07 .10 .02		10	
MARSMALL MARSMAFIELD MARTIMSBURG MARMYILLE MEMPHIS	1.59 1.67 .14	т	.02	- *14 T	-14	-	-	-		-	-	-	-	-	-	-	-	-	- .64 1.19 T	.60	-	- .07 .35	.04	.01 .06 T	-	-	-	- •15 •07	.05	-	T .09	
MERCER 6 NW MERICO #I DOLETOWN 5 NE #IILAN MOBERLY RADIO KNCM	.61 1.50 1.46 T		т	•02															.15	1-14 1-15 T		.14 .04 .06	.01	.03 .06	• 09 T	•02		.23	т		•03	
MONETT MOAR OE CITY MOREHOUSE MOSELLE MOUNTAIN GROVE 2 N	.47 1.15 .81 1.45 1.84		.05	• 23	-10 -21 -45 -31												т		•	.08 .80 .36	.03	.10 .01	Т	.03	Т			• 19 • 23	. 05		T .06	
MOUNT VERNON 3 SW MEDSHO NEY ADA NEW BOSTON NEW FLORENCE	.47 .37 .53 -		-	.22 .24 -	.08 .51	-	-	-	-	т -	-	-	_	-	-	-	-	-	.10	.03 T -	-	T .01	- 05	.02 .03	-	-		-		-	.01 T T -	
NEW MADRID DATES TOWER DOESSA OREGON DSCEDLA 3 ME	1.26 T .04	_	T T	-	.27	-	-	-	-	-	- т	-	-	-	-	-	<u>T</u>	<u>T</u>	T -		-21	- T	T T	-	<u>-</u>	-	-	.32 T	- T	Ţ Ţ	-	
OWENSYILLE OZARK OZARK BEACH PACIFIC PALWRA	2.04 1.37 1.83 1.43	.06	т		. 45 . 45 . 38													Т	Т	1.35 .92 1.45 .99	.07	.17	. 04		T T • 04			.05	۵06		-12	
PARIS PARMA PERRYVILLE PIERCE CITY PLEASANT HILL	.59 .70 2.14 .44		T .05	Т	.14 .38 .35	.03					т						. 04			.45 .30 1.60	.09	.02	T T	т	T T			•12 •13 •03	т	т	т	
POLO POPLAR BLUFF PORTAGEYILLE PRINCETON PUNICO	T 1.61 1.44 .12 1.12	T	Τ		.15 .16	т											T .06	т		T 1.33 .95	T .07	.02 .07	Ť . 04	.05	.04	Т		.02	T 01	Т	т	
QULIN REYNOLDS RICHHOODS ROBY ROBY ROLLA SCHOOL OF MINES	1.43 1.42 1.78 1.72 1.79		T .09		• 27 • 35 • 31 • 21 • 43															.82 .95 1.33 1.40 1.36	.12 .02 .05 .11		Т	.10	•02 T			.20				
NOUND SPRING SAINT CMARLES SAINT JOSEPH #8 AP R SAINT LOUIS #8 AP R SAINT LOUIS #8 CITY R	1.32 1.56 .06 1.19 1.37	.01 T T	т	•21 •15	.58 .33 .15 .25					.01								т	T •61	.74 1.14 .02 .01	T •05	.01 T .02		T •02 •01	• 04 T	т	т	.03 T T			T .16 .18	•
SAINT LOUIS UNIVERSITY SAINT LOUIS WASH UNI SALEM SALISSURY SAVERTON L AND O 22	1.41 .97 1.25 .19 2.01	T .05	т	•03	.30 .42 .30													Т	.10	.04 .55 .90	•03	.03	.02	.01	Т	Т		.01 T	T .05		.17	
SECALIA SELIGMAN SEVINOUR & NIVE SHELBINA SMELBINA SMELBYVILLE	.21 1.21 1.66 .40		.06 T	т	.36 .27	т													T .12	.12 .85 1.39 .24	Т	.07		.15	.03	т		.04	•02		T .12	
SIKESTON SIKESTON CROP EXP FARM SILOAM SPRINGS SPRINGFIELO NB AP R// STEELVILLE 2 N	.68 .71 1.73 1.02 2.05	.02	Т	• 25	.16 .15 .31 .02											.02	T .06		.72	.02 .30 1.32	T .10	T T	т	T T.01	т		.19	.20	т	Т	т	
STEFFENVILLE STOYER SULLIYAN 5 E SUMMERSVILLE SUMMER 2 SW	.51 .21 1.68 1.22 .02	.02	•02 T		• 15 • 35 • 45															.22 .06 1.21 .70	.02 .01	.20 T	т		.08	т		.07	.06 T			
SWEET SPRINGS TARKIO TECUMSEM 2 N TOPAZ 4 NE TRENTON	.14 .14 2.02 1.30	T		Т	1.08														.01	.84	.10	.02		.03 T				.05	T .03		.09 T	
TROY UNION 1 SE UNIONVILLE YALLEY PARK YAN BUREN 1 S	1.22 1.30 .16 1.18		*04 T		•16 •35 •32														т	.90 .87 .78	*04 T	T -16 T	T .02	т	T T •08	Т		*12 *02 T	т			
VANOALIA VANZANT 4 SE VERSAILLES VICHV CAA AP WACO	1.39 1.52 .65 2.13 .46	.05		.09	.45 .14 .32		•												.31 1.07	1.26 1.00	.08		Т	.03	Т		т	.02			•12 •13	
#APPAPELLO DAM WARRENSBURG CENT T COL #ARRENTON 1 N #ARSAW NO 1 WARSAW NO 2	1.50 T 1.62 .34 .27	т	T T T		·18	.01					т						.01		. 69	1.20 T .50 .03	.02	.03	.05	.02	T T			.04 .14 T		.01	•00	
WASOLA WAVERLY WAYNESYILLE 2 W WEBSTER GROYES WEINGARTEN	1.32 T 2.34 1.37 1.68	*02 T	T •04	.05 .09	.26 .38														1.54	.98 T .38		T T .06		.01	T •02						• 04	
WEST PLAINS WILLIAMSVILLE WILLOW SPRINGS WINDSOR 3 NW ZALMA 5 E	.79 1.40 1.41 .13	T T	т	• 22	.15 .29 .02 .24												T	Т	• 48	.05 1.05 1.09 .11 .52	.20	Т	.03	T	T T		.04	.08			Т	
		_	_	_	_	_	_			_			_			_	_			_					_							

Table 5		ı							ט.	UI	ГТ	1.1	2141	LIT			UN													h	OVEMBE	1954
Station														1	1	Day	OI							-		-		1				erage
ANNANCE C 555	MAX	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	67	69	71	19	50	21	50	55	24	25	26	27	28	29	30 31	Ä
ADVANCE 5 ESE	MIN	28	2,0	19	35	25	30	77 30	70 34	39	67	72 35	74 35	74 35	72 36	73	47	50	51	43	33	52	35	25	27	3 <b>5</b>	20	33	61 34	53	46 22	33.2
ALBANY	MAX	28	19	45 23	28	17	68 32	75 35	76 35	50	71	76 39	72 40	68 47	35	68 31	47	73	47	54 35	52 25	35	30	57 34	37	30	18	30	33	23	43	33.2
AMITY	MIN	29	18	24	47 28	22	36	72 39	73 41	46	69	70 44	70	67 46	61 35	6 7 3 4	72 46	71	62 46	35	52 27	48	30	58 37	51 36	26	50 24	32	50 32	23	42 32	57.4 34.4
ANDERSON 1 SW	MAX	51 36	17	20	31	53 20	30	79 3·2	77 32	75 40	74 36	72 32	74 30	74 30	73 40	75 36	75 31	77 33	38	50 38	23	28	53 37	21	36	61 28	23	27	55 35	51 16	55 25	62.5
APPLETON CITY	MAX	46 35	3 9 2 1	40 22	48 32	55 24	68 35	73 39	75 42	72	70 43	75 40	72 41	71 40	58 42	72 37	75 40	72 43	48	55 39	55 32	51 34	55 33	60 31	53	45 27	54 28	58 34	51 28	48 23	45 31	59.0 34.9
ARCADIA	X AM N I M	48	43 22	48 18	45 33	50 20	66 29	69 30	71 33	68 36	68 38	73 32	72 35	74 33	72 32	71 35	70 32	65 45	67 49	54 39	55 33	54 34	53 30	56 24	53	42 33	46 17	33	57 38	48 29	49 2 1	58.9 31.7
BETHANY	MAX	45 28	41 19	43 21		53 15	69 33	73 32	74 34	68	70 41	75 37	70 41	68 44	62 34	6 6 2 9	75 56	69 47	71 45	55 35	50 2 <b>6</b>	55 36	57 26	56 31	52 36	42 32	47 15	52 32	50 32	43 23	42 26	58.4 32.8
BIRCH TREE	MAX	50 30	20	49 15	50 33	54 18	71 27	70 33	73 33	71 39	73 32	74 33	75 34	73 30	74 37	72 36	72 33	67 40	63 52	54 38	52 28			60 23	60 39	43 29	47 18	60 32				62.0
8LACK 6 NW	MAX	50 24	5 0 2 0	51 14	47	58	.			71 36	73 38	76 31	74 32	74 30	74 35	73 34	73 32	67 41	64	54 41	50 30	57 27	55 31	57 22	54 34	<b>44</b> 30	42 15	62 27	58 35	49 27	47 17	59.4 30.1
80LIVAR	MAX	48 36	39 21	41	46 32	53 26	67	73 38	75 45	72 46	70 41	72 43	71 41	71 44	68 46	72 42	73 41	69 44	62 46	52 39	53 34	53	52 36	60 35	53 36	43 28	52 27	57 34	51 42	46 25	45 29	58.6 36.6
800NVILLE WATERWORKS	XAM N1M	45	43	38 21	45 24	45 25	49	65 38	71 37	72	67 45	68 45	72 44	70 45	71 41	55 37	67 37	72 45	62	51 41	50 33	49	49 36	50 31	53	42 33	40	46	57 38	47 27	45 26	55.2 34.2
8ROOKFIELO .	MAX	48	44	44	50	53	71 33	75 46	78 38	70	72 44	78 41	74 45	72 45	68	68	74 45	72 42	67	55 37	54 30	54	70 33	59 32	55 38	45 33	57 19	55 32	57 32	47 25	44	61.0
8RUNSWICK	XAM	45	3 9 2 2	44	46 32	50 22	66 35	72 38	73 44	72	70 46	77 41	71	71 43	56 40	66	74 42	71 43	58	52 39	50 33	50	51 34	57 32	52	43	48 21	5 6 3 4	52 38	45 26	44 31	57.4 36.4
SUTLER	MAX	46 35	39	39	46 29	54 24	67	73 40				7.	70	73	70	71	74 41	74 48	65 49	57 37	55 31	52	53 34	60 32	55	47 28	56 30	58	52	46	46	55.9
SUTLER CAA AP	MAX	47 25	39	38	48	53	69	72 39	73 41	72	68 43	72 41	69	69	57	69	71	72 45	59	55 36	55 32	51	54	60	49	44	55 28	56	50	47	45 31	57.9
CALIFORNIA	XAM NIM	45	42	46	48	52	69	72	73	69	70	74	72	74	67	71	74 48	65	59	48 52	52 33	64	59 38	56 33	52	43	60	58	56	47	42 31	59.1
CAMDENTON	MAX	45	40	37	35 46	52	66	74	76	72	71	47 73	72	46 74	68	38 73	75	68	63	50	55	54	57	60	55	44	52	60	55	26 46	43	37.6 59.2
CANTON L ANO 0 20	MIN	30	15	16 47	. 25 45	16	63	32 64	40 69	65	37 65	40 74	35 60	40 74	60	33	70	39 65	58	35 49	29 47	30	33 45	61	50	42	18	56	37 50	19	25 40	31.0
CAPE GIRARDEAU MO ST	MAX	30 52	24	49	33 46	50	61	30 68	35 71	69	68	39 72	74	72	39 72	71	68	37 71	69	36 64	34 46	33	33 59	29 52	33 52	29 45	22	61	34 59	27 49	45	33.4
CAPLINGER MILLS	N1M XAM	33 48	38	22	36	27 54	65	70	39 74	72	70	76	71	46 72	42 74	72	53 73 <sup>°</sup>	52 72	63	53	36 55	53	37 54	27 51	55	33 46	27 54	33	43 52	28	29 49	37.2
CARROLLTON	NIM XAM	37	23	42	45	23	46 66	47 69	46 71	70	40 67	56 71	48 69	49 69	49 58	46 64	71	43 69	48 57	52	30 50	50	34 50	3 0 5 8	37	30	24	35	33 51	29	25 43	38.3
CARTHAGE	N1M XAM	31 50	21	21 39	31	20	35 68	35 75	37 73	71	43 71	39 72	72	39 72	40 67	73	39 74	39 76	45 62	38 55	28 57	32	30 53	30 62	38	34 46	18	3 2 6 0	34 55	23	29 52	33.4
CARUTHERSVILLE	MIN	38	22	23	33	25	61	39 72	39	43	42	40	3.8	37	43	42	38 68	47	73	38 58	31 52	35	36 57	30	38	30 57	26	35	41 60	25	29	35.6
CHARLESTON	MIN	36	25	25	37	30	33	37	42	46	46	45	78 39	78 47	76 45	47	53	53	52	48	39	30	39	29	39	30	25	39	43	30	31	38.7
	MIN	53 35	25	22	45 38	52 26	63 34	74 43	72 37	72 41	66 44	71 37	76 40	72 40	76 45	73 41	63 52	73 52	71 53	64 45	35	31	51 39	55 28	39	48 35	50 24	63 36	60 34	28	28	61.3
CHILLICOTHE RADIO KCHI	MAX	46 32	20	20	30	52 18	30	73 30	75 36	47	70 41	76 36	70 39	72 41	63 38	31	75 38	72 38	43	55 38	54 27	33	55 30	59 28	52 38	34	51 16	15	50 35	51 25	43 25	31.7
CLEARWATER OAM	MAX	51 29	21	51 18	48 33	53 21	67	68 31	72 33	69 36	70 36	73 33	74 33	75 32	73 35	71 36	70 36	68 46	69 47	54 39	47 31	28	52 33	59 23	56 40	47 34	48 17	62 31	60 41	50 28	48 20	31.5
CLINTON 1 NNW	XAM NIM	49 30	47 20	40 21		42 20	55 22	69 32	71 35	75 39	73 41	71 34	64 35	72 35	76 38	57 33	71 34	74 3 <b>5</b>	72 40	55 39	53 27	53 29	50 29		59 37	49 26	22	56 26	56 30	49 24	46 25	58·1 30·4
COLUMBIA W8 AP	XAM	44 25	40 23	46 22	46 30	50 23	66 38	72 37	73 42	67 49	70 43	73 45	71 43	73 47	57 40	68 37	72 46	63 46	55 44	52 39	50 33	52 37	51 35	54 33	44 38	42 26	47 23	56 37	47 30	46 27	43 33	56.3 35.7
CONCEPTION	X AM NIM	50 27	39 16	41 23		45	69 40	75 40	72 44	70 48	71 44	73 46	73 41	72 45	64 34	68	73 48	73 45	72 45	61 33	55 28	48 36	53 29	57 39	55 35	46 25	47 23	53 32	50 32	45 21	43 33	58.5 34.9
CRYSTAL CITY 1 N	MAX	47 28	35 22	51 16	46 30	48 20	64 27	66 29	70 32	66 35	66 40	74 33	68 36	75 35	61 40	64 32	70 33	68 41	64 48	63 39	4 <b>6</b> 30	50 30	53 37	53 29	48 40	43 32	48 21	62 36	57 38	46 29	43 25	57.2 32.1
OON I PHAN	XAM .	56 32	45 22	51 17	54 37	57 21	70 26	72 29	74 32	73 36	72 33	75 32	75 31	75 31	76 34	77	71 40	67 47	72 50	58 44	56 33	54 25	53 36	61 25	56 31	50 25	51 19	65 31	63 45	55 32	50 21	62.8
EUGERTON	MAX	47 31	42 19	45 23	49 25	53 19	73	74 35	76 35	71	71 47	77 40	73 39	69 47	63 37	69	74 39	73 42	61	57 35	54 24	50	56 28	61 29	52 37	45 23	52 22	5 5 3 2	52 34	49	43 27	59.5 32.5
ELOON	MAX	47 31	40	45 21	47 33	51 23	67 38	72 41	75 39	72 47	72 42	74 43	71 42	73 46	62 42	71	74 43	65 41	57	50 40	52 32	55 35	52 37	58 32	52 40	42 32	51 21	5 9 3 6	53 35	46 21	42 31	58 • 2 35 • 5
ELS 8ERRY	MAX	45	45	38	50	48	48	65 29	69	72	78	69	74	67	75	66	70 36	73 38	66 49	60	43	44	47 39	49	50	51 32	37 22	45	57 38	51 31	44	56.5 32.7
FARMINGTON	MAX	48		50	45	52	67	69	33 71 37	33 69 41	35 68	36 75	73	73	72	72	70	65	67	42 54 39	47 34	55	52 33	54 27	51	42 32	46 21	61	56 39	42	42	58.2
FARMINGTON CAA AP	MAX	47	38	49	43	51	65	69	71	69	69	76	73	72	72	,71	70	65	67	50	45	53	51	53	46	40	46	61	56	46	42	57.5
FAYETTE	MAX	45	39	18	46	49	66	72	34 75	70	70	35 74	71	35 72	60	34 67	73	65	58	38 61	28 51	51	51	27 55	37 48	31	43	37 58	32 51	46	21	57.3
FOUNTAIN GROVE WILDLIFE	NIM	31	21	21	46	21 51	68	36 71	42 73	71	45 69	40 73	72	41 68	41 65	36 66	71	70	45 67	39 54	31 53	31 51	35 51	28 57	38	44	47	54	32 53	25 45	30 45	57.9
FULTON 4 DH	MIN	28	17	18		47	27	28	31 73	43	40 72	35 71	36 73	37 72	33	28	38 69	33 72	65	33 56	26 49	28	28	25 51	35 53	13 43	13	31 47	17 57	47	24	57.0
	MIN	31	22	20			24	36	39	42	43	43	43	44	43	35	35	43	45	40	32	32	37	30	32	29	22	24	35	27	27 .	33.3
																									-							

Table 5 - Continued									ע	AI	LI	1.	C.IV.	IPI	LILL	41	UK	E5												N	DVEMB	ER 1954	4
Station															I	Day	Of	Mont	h													erage	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29 3	30 3		
GRANT CITY	MAX	45 25	39 18	45 23	45 21	46 31	60 38	72 40	73 44	64	69 42	73 44	72 40	68 45	63 36	66 33	72 46	71 44	64	54 35	50 26	48	55 28	57 37	50 32	45 30	45 <b>3</b> 0	5 3 33	45 30		41 32	56 ·	
GREENVILLE 4 NNW	XAM MIN	53	47 24	52 18	50 36	55 20	69 25	72 30	73 32	70 36	72 38	75 3 3	75 33	75 32	77 34	73	72 38	67 49	69	55 43	52 32	55 28	53 32	58 24	54 41	45 37	49 19	63	61 40		46 22	61.	
HAMILTON	MAX	45 25	40	40	46 30	54 22	69	72 42	74 38	69	71	74 45	70	71 50	65 41	69	72	70 43	60 47	55 35	60 36	50	53 31	54 35	49 38	42 27	49 25	53 32	43 35		42 32	57. 35.	
MANNIBAL WATERWORKS	MAX	43	39	45 24	45 29	44	63	6.8 36	70 44	62	66 43	72 48	63	72 44	58 41	61	71 48	68 45	57 41	46 38	45 32	45	41 31	52 26	44	38 30	43 26	56 33	46 32		40 28	53.	
HARRISONVILLE	MAX	46	- 41 19	44	49	54 20	71	73 43	75 46	6 9 4 8	69	75 45	72 45	70	60 41	70	70 50	72 46	61	57	55	50	55 31	55	50	46 26	55 29	57 35	51 34	48 23	44	58. 36.	
HERMITAGE	MAX	46	41 21	42	47 29	55 15	69	75 38	70 30	75 37	72 31	74 29	73 28	72 30	72 27	74	75	71 27	63	54 37	55 21	53	54 29	60 23	55 33	44	54 17	59 30	53 39		47 22	60. 27.	
HOUSTON	MAX	49	43	49 18	52 20	53 21	70 37	73 31	74 36	71	70 36	73 34	74	74 34	74 40	76 46	73 33	64 39	57 43	54 34	53 32	5 7 3 3	55 35	61 36	52 38	47 25	49	60	54 32		44 24	59 <b>.</b> 32 <b>.</b>	
JACKSON	MAX	52 30	45 22	51	48 35	53 22	64	71	76 33	73	73 41	75 35	77	75 36	77 36	75 37	71 45	72 50	71 54	65 43	47 36	52 37	50 36	52 28	50	44	50 22	62	60 44		45 24	60 .	
JEFF CITY RADIO KWOS	MAX	46	40	4 ó í	48	49	60 35	72 35	74	69	71	74 41	72	75 42	61 43	69	73 44	63 42	57	50 41	51 33	55	52 40	57 30	51	42 32	48 21	60	53 36		43 30	57. 35.	
JOPLIN CAA AP	MAX	. 50	36 23	40	46 32	55 28	67	74 45	72 48	67	70	71	72 45	72	65	72	75 49	77 49	55	. 54 39	5 8 3 4	54	52 36	62 37	51 36	45 31	58 33	58. 35	54 36		52 34	59 <b>.</b> 38 <b>.</b>	
KANSAS CITY WE AP	MAX	45	42	43	47	58	71	76 40	75 43	68	72	75 53	72	70 51	56 43	71	74 55	73 50	60	55 37	53 35	50	55 36	59 46	48	43 31	55 33	55	46 32	47 27	47 36	58.	
K C GREEN HAVEN WEST	MAX	50	40	43	47 31	57 19	73	75 34	74 35	71	71	74 38	72	70 45	58	71	74	.74 35	61	56 37	52 23	50	55 30	60 33	51 39	41 26	54 20	52	48		43 25	58. 32.	
KANSAS CITY UNI OF K C	XAM	46	40	43	47	56 23	70	74 38	76 39	70	70	75 43	73	69	60	70	75 48	73 43	65	55 36	53	49	54 35	59 36	52 39	43 29	55 29	56	53 37	47	46 34	59.	. 1
KENNETT RADIO KBOA	MAX	57	51	52 18	48	54 25	66	72 35	76 38	73	73	72	77	78 36	75 40	74	70 53	68	74	69	53	53	55 38	59 27	56	51 31	53	63	61	56 32	50 27	63.	
KIRKSVILLE RADIO KIRX	MAX	38	40	44	44 28	48	64	71 34	72 36	65	68	74 45	65	69	59 36	62	72	43	41	50	50	51	44	54 29	48	38	42 18	52	42	42	39	53.	8
KIRKSVILLE CAA AP	MAX	42 19	41	43	44 21	47 19	64	70	72 41	64	67	73 42	64	69	52 34	62	71	70	52	50 35	49	49	45 29	54 28	43	37	44	54	47 27	42	39 28	54.	0
KOSHKONONG	MAX	49	49	45	45	52 27	67	67	69	70	67	70	70	69	70 48	70	68	68	63	57	52 36	54	54 39	60	60	48	47 24	58	58 46	50	49	59.	2
LAKESIDE	MAX	50	48	43 21	48	49	55	70	75 35	76	73 38	73	75	74 35	76 39	62	73 33	75 34	67	53	52 33	55	57 36	55 27	59	48	44	53	60	51 31	48 29	59.	9
LAMAR	MAX	48	49	47	38	42	54	66	72	71	71 42	70 42	70	70 40	70 43	63	71	71	73	54 35	54	56 31	53 34	53	59 36	50 28	45 25	55	55 33	50 24	46 25	58.	. 2
LATHROP 3 SW	MAX	41 20	39	42	45 25	53	69	72 37	75 41	75	70	72	74	74 48	68 34	70	73 43	72 46	65 41	54 27	54 35	54	54 29		51 33	43	50 21	52 29	50 29	52	45 32	58. 33.	9
LEBANON 1 ENE	MAX	47	39	45	46 32	53	66	71	73	71	68	71 43	72	72	70	73 40	71	64 46	58 46	52 39	51 31	56 36	58 33	36		48		27	48 30	44 29	45 30	58.	
LEXINGTON	MAX	49	43	40	41 28	47 25	53	69	71	71	66	68	73	71 45	69	54 37	69	72	71	57 38	54 32	51 32	49	53	58 39	46 29	41 27	50	55 37	42 26	45 26	56.	
LICKING 4 N	MAX	47	47 21	40	47	46 21	52	67	71 39	74	72	70 36	73	72 40	72	73	73	74 37	63	56 39	40	50	55 35	51	58	45 29	39 21	47	59 39	51 26	45 25	57.	• 6
LOCK#000	MAX	51 26	39	40	48	56 27	66	74	75 43	72	71 42	72 48	72	73 45	71	73	74 43	71 43	61 45	56 28	58	55 36	53 35	61	52 37	45 29	55 26	58 35	52 41	48 26	49	60.	, 0
LOUISIANA STARKS NUR	MAX	43	38	49	48 35	46	64	71 28	74 43	66	69 38	73, 36	67	73	65 42	64	72 37	66	60	50	44	48	46 35	52 26	51	41	44	56	51 37		41	55 .	
MACON	XAM NIM	44 28	41	40	44 23	46	48	60	71 38	72 38	63	69	72	40 67	70 37	5 4 3 2	64	72 42	71 42	54	52	50	48 33	50	53	42	39	45	. 54	44	43	54.	• 7
MALOEN CAA AP	MAX	53	43	51	49	53	66	70	72	70	69	73	76	76	74	72	66	67	72		52	51	53	60	55	46	51 23	64	63	53	49	60.	. 7
MARBLE HILL	MAX MIN	52	23 47 21	50	48	25 53 19	67					39 75 31			74	73	71	69	71 52		64			56 24			63	61	57		55	61.	. 9
MARSHALL	MAX	20	21	15	32	1.9	20	21	30	32	31	31	33	22	30	24		-,0						-									
MARSHFIELO	MIN		35 19		44	50 23	64	72 40	74 47	70	69	70	71	70 50	72	72	73	65 47			48 33	55 36	48 41	58 30	52 36	42 28	48 26		52 41	43 26		57.	
MARYVILLE	MAX	42	37	47	44	53	66	72	70	- 1	68 46	71 43	70		56 33	66	72	70	60	54	48	48	53 26		47 35	40	47 25	51 29	43	44	42 31	55.	. 7
MEMPHIS	MAX	47 28	38	41	45	45 22	50	64	73 38	73	63	69 35	70	74	70	32	62	74 42	62	52	50	50	50 31	45	55	40	40	43	56	42 25	42	54.	• 7
MEX ICO	MAX	45	43	41	46	48	49	67	73	74 45	73	70	74	71	74	56	69	73	62	53	50	48	53	52 31	53	42	38 23	48	57 34	48	45	56.	• 5
MOBERLY RADIO KNCH	MAX		21	46	46	50		74	73	63	70		71 43	73	57	68	73	70 43	52 42	52	49	49	50 34	53 30	49	41 26	46 21	56	50	45 25	42	56	• 5
MONETT	MIM XAM NIM	28	21	22	48 36	56 24	38 69 41	39 76 50	71	73	43 71 46	43 72 40	72 48	43 73 43	39 72 45	34 72 48	70	76 48	72	53	58	57 37	54 39	64	64	48		62	58	58 22	54	63	. 9
MOUNTAIN GROVE 2 N	MAX	48	42		47	53	69	70	73	71	69	71	72 43		72 48	71	71	65 48	60	49	52 34	56 36	53	59 33	52 38	43	48	59		47 27	44	58	• 6
MOUNT VERNON 3 SW	MIN	48	40	38	46		65	72	71	70	69	71	70	71	71	70	73	72 44	57	51	54	55	50	62	52 34	44	54 24	58 38	53	45	50	58.	• 5
NEOSHO	MIN	50	46	40	47	25 58	70	37 80	75	75	72	73	73	73	73	74	75	77	70	55	31 59	57	52	64	59	48	60	59	56	49	54	62	. 4
NEVAOA	MIN		48	39	48	55	67		75	73	71	73	36 74 43		65		75	43 74	65	55	26 57	54	38 55	60	39 56	31 47 29	26 57	32 59 36		20 49 26	48	60.	. 7
	MIN	36	22	25	32	27	40	42	46	50	46	45	43	44	50	43	45	47	47	38	31	38	35	35	28	29	30	30	41	20	36	36	

Table 5 · Continued																															OVEMBER	
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	Of 16	Mon	th 18	19	20	21	22	23	24	25	26	27	28	29	30 31	Average
NEW FLORENCE	MAX	43	38	47 21	45	47	71	74 45	71	67	69	73	70	73	60	69 35	72 42	58	59 50	55 37	44	53	50 38	50	45 38	40	48	56 33	49	43	42 30	56.0
OREGON	MAX MIN	46 26	39 18	50	47 27	57	70	74	73 45	68	70	75 48	72 45	67	60	68	73	72 49	59	57 33	51	47	52 24	59 36	50	43	50	53	49	48	45 35	58.1
OZARK BEACH	MAX MIN	55 33	55 22	43 19	45	53 24	59	75 30	75 35	77	75 37	74 32	76 32	77 31	7 7 3 6	78 37	74 34	76 32	73 35	58 42	5 5 3 2	61	62 40	57 27	62 28	55 30	48 25	5¢	65 38	57 25	54 24	63.6
PERRYVILLE	MAX	51 29	45	51 19	48	52 25	65	67	71 34	69	69	77	72	74 35	72 40	69 37	70 40	71 49	68	65	47 35	52 35	50 36	52 26	51 41	43 32	46 22	63 36	58 43	49	44 23	59.4 34.5
POPLAR SLUFF	MAX MIN	52 31	5 6 2 2	48 19	52 37	53 23	55	65 32	72 35	75 40	70 41	72 35	74 35	78 34	77 37	78	75 47	70 52	67 47	72 46	62 37	54 28	54 38	58 26	59 40	57 36	50 20	50 34	65 43	64 33	55 24	63.0 34.8
PORTAGEVILLE	MAX	54 34	5 0 2 5	52 24	48 36	52 28	66	73 35	74 39	73 42	73 43	72 41	77 38	77 39	77 42	75 44	70 54	70 51	72 52	70 46	50 37	50 31	54 39	58 29	55 39	50 35	51 25	62 38	60 45	58 31	49	62.4 37.6
PRINCETON	MAX MIN	44	41 19	41	45 27	50 16	67	73 30	75 32	71 51	75 37	74 42	71 40	68 44	65 33	64 28	73 43	72 34	69	54 36	51 24	53 35	54 26	56 30	53 36	41 32	45 16	52 32	50 33	23	42 24	57.8 31.5
ROLLA SCHOOL OF MINES	MAX MIN	49 35	49	41	49 19	44 21	<b>62</b> 30	66 38	72 42	76 47	70 45	72 46	75 43	75 41	74 51	78 40	71 44	72 46	64 50	54 39	42 32	49 36	5 5 3 8	53 34	57 38	45 33	39 21	48 35	60 43	52 26	45 29	58.6 36.1
SAINT CHARLES	MAX MIN	48 35	40	51 22	47 34	48 26	66	69 33	70 39	66	69 44	75 42	70 42	75 44	65 42	6 6 3 5	74 37	65 44	65 53	55 43	45 35	48 34	51 41	51 28	50 42	43 34	45 25	60 37	55 45	45 32	43 31	57.3 36.5
SAINT JOSEPH W8 AP	MAX MIN	45 25	39 21	48 26	46 26	57 22	69 32	74 36	73 38	69 48	70 49	75 41	72 45	67 48	54 38	68 37	73 43	72 42	62	55 35	51 28	48	55 32	59 36	47	41 27	51 26	51 31	46 32	46 25	44 34	57.6 34.2
SAINT LOUIS W8 AP	MAX MIN	44 26	3 4 2 3	49 25	45 32	46 27	63 35	69 37	70 42	66 45	66 46	73 44	67 47	74 46	59 45	64 39	73 43	65 45	61 48	48 38	43 35	47 36	49 33	50 30	45 39	39 33	45 26	59 38	53 34	44 32	42 32	55.1 36.7
SAINT LOUIS WE CITY	MAX MIN	43 28	34 24	50 28	44 32	48 31	62	65 44	70 49	66 49	65 50	72 50	67 51	74 47	60 48	64	71 51	67 52	61	48 42	43 38	46 38	49 36	51 32	48 38	38 34	45 32	58 40	53 35	44 32	42 35	54.9 39.8
SAINT LOUIS UNIVERSITY	MAX MIN	44 34	34	49	45 33	46 31	62 39	64 43	69 48	64	65 49	76 49	68	74 47	66 49	63	70 49	66 52	63 51	51 42	43 38	46 38	49 38	52 32	50 41	41 35	44 31	59 40	54 38	44 32	41 34	55.4 40.1
SAINT LOUIS WASH UNI	MAX MIN		45 24	34 21	49	45 28	46	62 36	66 39	70	64 47	67 39	73 45	67 44	72 47	58 41	62 41	72 45	65 52	61 43	45 36	44 36	47 39	50 29	50 33	45 35	39 26	45 31	38 40	54 32	44 33	54.4 36.6
SALEM	MAX MIN	46 31	48 19	41 18	50 30	48 20	51	67 31	70 37	75 40	70 36	70 38	73 35	72 37	73 40	71 35	73 34	71 40	64	56 39	42 31	48	56 32	53 26	58 31	47 32	41	4.8 2.2	58 40	54 25	46 25	58.0 31.8
SAL ISBURY	MAX MIN	44	41	46	47 30	51 22	67	73 36	77 41	69	71 42	73 44	72 43	71 45	60 38	6 7 35	74 43	71 42	53	53 39	51 31	52 35	52 34	55 29	50 38	42 31	48 19	56 34	52 36	45 25	<b>44</b> 30	57.6 34.7
SAVERTON L AND 0 22	MAX MIN	44 31	3 8 2 3	48	45 34	47 23	61	68 32	71 36	61	63 41	73 40	65	74 45	61 42	60 34	72 40	64	62 47	52 39	46 37	46 33	45 35	54 30	62	42 30	43 24	53 33	52 35	43	42 26	55.2 34.6
SEOALIA	MAX MIN	45 36	40	42	47 32	52 23	67	73 38	74 43	67	70 46	72 45	70 43	71 43	64	7 0 3 8	73 45	68 45	62 46	51 40	51 30	51 37	52 32	55 36	52 30	42	51	5 5 در	52 36	45 25	43 37	57.6 36.6
SELIGMAN	MAX MIN		48 19	39	45	53 25	69	76 45	75 45	72 56	71 45	70 44	72 45	73 43	71 49	7 0 4 5	73 44	76 49	64 46	51 36	56 33	56 36	48	61 33	55 38	46	57 30	60 34	52 42	49 23	5 1 3 5	60.7 37.9
SEYMOUR 4 NNE	MAX MIN	47 35	38 20	35 18	48 20	52 22	59	70 32	72 45	75 46	69 42	70 44	71	70 46	74 50	69	70 48	63 46	67	48 39	49 39	50 40	52 41	54 42	50	47 30	40 32	31	50 41	48 31	45 32	57.0 37.2
SHEL 8 INA	MAX MIN	44 34	40	45	46 32	47 18	65 36	70 30	72 39	69	69 40	72 39	67 43	71 43	65 39	64	71 39	69 37	62 45	59 39	50 28	50 33	48 33	54 29	53	41 28	44	55 32	52 37	42 22	44	56.7 33.2
SIKESTON	XAM NIM	49 34	54 25	43	53 26	42 26	53 27	65 34	71 38	75 40	72 45	69 38	76 40	77 41	76 42	74	66 50	73 51	72 49	50 33	49 33	53 39	52 28	52 30	54 33	48 25	51 25	53 26	63 36	60 28	51 27	59.9 34.5
SIKESTON CROP EXP FARM	MAX MIN	53 32	48 23	50	46 36	50 25	63 32	68 33	71 37	69	66 43	70 37	75 37	74 38	73 40	72 42	64 50	70 47	70 48	64 44	48 33	49	5 0 3 6	54 26	52 35	46 32	49 23	60 34	60 43	50 27	47 24	59.4 35.1
SPRINGFIELD W8 AP	MAX MIN	47 26	36 21	38 23	44 31	53 28	64	70 40	73 46	70	67 47	71 44	70 42	71 43	72 46	70 44	72 43	66 44	53 45	49 38	51 32	54 40	49 37	59 32	52 35	41 29	51 30	56 36	49 31	43 27	48 33	57 • 0 36 • 6
STEFFENVILLE	MA X MIN	43 27	40	45 21	45 31	47 20	64 36	70 30	72 36	64	68 39	73 43	65	71 45	62 38	62 31	72 44	70 42	60 47	49 39	49 31	51 35	5 0 32	54 29	48 37	39 28	43 20	5 5 3 2	49 35	42 27	40 26	55.4 33.6
SWEET SPRINGS	MAX MIN	46 31	42 21	43	48 30	54 18	70 36	74 32	74 36	68	71 43	75 36	74 36	71 39	57 39	70 32	76 36	71 36	57 47	53 39	52 29	51 31	55 32	56 29	52 37	45 30	51 17	58 33	53 31	48	45 30	58.7 32.6
TARK IO	MAX MIN	47 26	39 16	46	47 27	58 21	71 37	76 36	74 38	66	72 46		74 42	70 47	57 32	69 32	74 47	68 43	58 37	58 33	50 26	48 36	57 26	58 30	50 28	42 24	52 22	54 30	47 29	47 23	44 32	58.2 32.7
TRENTON	MAX MIN	46 31	39 20	40		51 20	71 39	73 38		70 50		75 42		67 43	63 37	65 35	73 44	71 43	68	56 37	52 30	51 37	54 31	57 34	51 37	43 33	48 31			45		58.0 35.3
	MAX MIN	46 30		17	50	46 21	64	67 29	72 32	68		73 33	68 35	74. 34		65	70 32	65 35	63		45 31	52	51 39	54 29	50 40	42 33	47 21	58 36	55 40		42 26	56.9 31.8
	MAX MIN	43 27		39	40	42 21	48	62 37	68 40	71	61 38		71	65	65 35	48	62 32	70 46	69	52 37	50 30	47	51 30	44 30	54 36	41 30	36 19	43		38 25	40 25	52.5 31.4
	MAX	43 32		48	45 34	46 24	63	68 40	71 42	66	67 43	72 44	66	72 41	66 40	64 34	72	68 42	60	54 39	46 33	57	49 35	51 31	51 39	41 30	45 25	56 34	48 35	43	40	55.8 35.3
	MAX MIN	45 32		44	45 30	49 23	67	72 37		72 50	70 39	72 43	71	72 40	64 41		73 43	66 42	59	50 39	52 31	55 34	52 32	59 35	51 29	41 28	50 22	60 35	52 37	46 25	44 35	58.0 34.8
	MAX	45 21		47	46 29	49	64	72 42	74 · 46		68 41	73 44	71	73 45		71 38	71 45	64 45	60	44 35	47 31	54 36	50 35	57 30	45 36	39 27	48 22	59 36	51 29		41 27	56.6 34.5
MAPPAPELLO DAM	MAX	49 35	53 25	44	48 33	50 28	54 30	65 36	68 38	71	68 46		73	74 39	75 41	74 43	71 48	69 52	66 51	69 45	46 37	52	52 36	52 32	57	52 38	44	49 34	63 44		52 27	59.5 36.9
	MAX	46 37	38	41	46 33	51 28	67	70 43	72 48	66	67 47	72 48	69	69 50	63 42	6 9 4 7	72 50	70 48	63	55 40	51 34	50 39	52 34	54 39	54 40	46 31	52 28	57 36	55 39	46 25	44 33	57.6 39.2
MARRENTON 1 N	MAX MIN	43 30		49	45 32	47 22	65	70 35		65	67 40	73 41	67		67 43		71 41	63 45	59		42 32	51 30	50 38	51 27		39 31	46 22	58 32	50 36		41	55.6 34.5
MARSAH NO 1	XAM	48		44	48 33		68	76 33	77 35	75	73 38		74	74	61		76 33	74 34	59 41	53 41	54 29	54	54 31	59 28	54 33	47	57 20	60	54 33	47 26		60.3 32.2
	MAX MIN	52 32		42	48 29	55 23	72	74	76	73	72 42	72 42	74	75	75 45	73		67 41		48		53	53 42	63 28	54 36	46 25	52 23	62 34	54 41		46 25	60.4 35.7
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Table 5-Continued

DAILY TEMPERATURES

MISSOURI NOVEMBER 1954

Table 0 - Continued																																1400E	MOEK	1324
Station	Station																Day	Of	Mon	th														age
Station			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ачел
MESSTER GROVES	• MA		31			31		63		68			72 41			60			65 46		51 40	43	4 7 3 2		50 26	48 39		45 23	59 36			40		54.7
WEINGARTEN	MA MI					47		67 25		72 47			75 45	74 45		70 45	69 36			67. 53		45 35	62 31		52 27				60 37		47			58 · 8 36 · 4
WEST PLAINS	M A M I					50 27				75 36	72 38		75 34	75 35		75 40			65 40	65 47		54 30			62 26	51 36	44 21	50 21	62 32		50 23	47 21		60.6
willOw SPRINGS	MA M1		50 32			49 33		71 30		73 34			72 32	74 33		72 38					5 l 3 9	52 35	58 31		60 25	53 39		50 20	60 30			49		59.6 31.0
winosor 3 Nw	MA MI		40		40	46 32		69		74 45	67 51		72 43	70 44		62 42	7 1 3 8		70 45	62 48		53 31	50 36	53 34	57 34	52 39	41 28	52 26	56 36		46	43 33		57.7 36.6

EVAPORATION AND WIND

	Table 6									E V	AI	· O.	מא	LIV	<u> </u>	P	71/1		AA T	TAIL	, 													
																		Day o	of mo	nth														
	Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or ave.
1	LAKESIDE	EVAP WINO		.09		.01	.06	.07	.07	.08	.10	.10	.08	.09	.07	.10	.09		.08	.04	.01	.05	.06	.05	.07	.08		.04		.09	.11	.05		2.12

Table 7											_																			245146	56 "	3=4
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Day 15	of m	onth 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
AMITY	SNOWFALL SN ON GNO		T																													
BETHANY	SNOWFALL SN ON GNO		Т																													
BOLIVAR	SNOWFALL SN ON GNO	Т		Т																											Т	
CHILLICOTHE RADIO	SNOWFALL SN ON GND																					T					1					
COLUMBIA WB AP	SNOWFALL SN ON GNO	T		Т																					, 1	1	1				T	
FARMINGTON	SNOWFALL SN ON GNO		T T																												I	
HANNIBAL WTR WKS	SNOWFALL SN ON GNO																														Т	
JEFFERSON CITY RAOIO KWOS	SNOWFALL SN ON GNO	Т		Т																						1					9 4	
KANSAS CITY WB AP	SNOWFALL SN ON GNO	T																													Т	
KIRKSVILLE CAA AP	SNOWFALL SN ON GNO	Т	T																										Т		7	
LEXINGTON	SNOWFALL SN ON GNO						'																								Т	
MALOEN CAA AP	SNOWFALL SN ON GNO	Т																														
MOUNTAIN GROVE	SNOWFALL SN ON GNO		0.5 T		T																											
NEW FLORENCE	SNOWFALL SN ON GNO	Т		Т	Т																										T	
OREGON	SNOWFALL SN ON GND		T																											Т		
ST JOSEPH WB AP	SNOWFALL SN ON GNO	Т																													Т	
ST LOUIS WB AP	SNOWFALL SN ON GNO	Т		Т	T																				T						7	
ST LOUIS WB CITY	SNOWFALL SN ON GNO	Т	Т	Т	1.0																			i i	† T	-					7	
SIKESTON	SNOWFALL SN ON GNO		Т															1														
SPRINGFIELO WB AP	SNOWFALL SN ON GNO	Т		T	Т															٠											T	
SULLIVAN	SNOWFALL SN ON GNO				T																											
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#### STATION INDEX

Continued										NOAKRISH 1864
Station	oN xepul	Drainage † Latitude Longitude	Tempo Tempo Agricon Precip. Agricon Oper.		Refer to tables	Station	ON County	Drainage 1 Latitude Longitude Klevation	Observer ding	Refer to tables
Vereaillee Vichy 2 6E Vichy CAA AP Vienna 3 NW Villa Sidgo 3 NW	8603 Morgan 8612 Maries 8614 Maries 6620 Maries 8630 Frankiin	7 36 26 92 3 5 36 05 91 4 3 36 06 61 4 9 36 13 82 0 7 38 29 90 5	4 1040 M1D 5 1125 MID M1D	Oene W. Hartram Virginia F. Suffean U.S. Civii Aero Adm Jamee McZinney Vincent Hellman				WEW STATIONS		
Wappapollo Dam Warreneburg Cent. T. C.	8864 Jasper 8700 Wayne 8712 Johnenn 8723 Warren 8733 Benton	11 37 14 64 3 10 36 55 90 1 7 38 46 93 4 6 38 49 91 6 9 36 15 63 2	5 475 5A 8A 4 876 5P 6A 6 687 5P 5P	Leeter D. Sigare U.S. Engineere Cent. Teach. Col. W. T. Zimmerman C. C. Hoopfinger	3 2 3 5 7 C 2 3 5 C 2 3 5 C 2 3 5 7	Bamilton California g. C. Oreen Haven West	3566 Caideeil 1189 Monitsau 4367 Ciny	7 36 38 92 34 81	O 6P 7A Joseph W. Eiddie 70 6P 6P Jack F. Crawford 82 6P 7A E. D. Fartbing	2 2 5 2 3 5 2 2 8
Waeola Waveriy	8738 Senton 8746 Frankin 6734 Ozark 8768 Lafayette 8777 Pulaski	9 38 15 93 2 7 38 31 81 0 12 38 47 92 3 7 39 12 93 3 3 37 49 82 1	0 - 4 1284 SP 7A 1 780 7A	John W. Burke Joe Ludoeig A. W. Pinckney Jeese J. Foose Raiph R. Land	3 C 2 3 5 C 3 2 3 5 7					
Weingarten West Plaine Williamphurg 2 6W	5781 Saint Louie 8788 St Qenevieve 8680 Howeli 6860 Callaway 5884 Wayne	6 38 35 60 2 6 37 53 90 1 1 36 44 91 5 7 36 55 81 4 1 36 38 90 3	3 633 5P 5P 1 1005 MKD M1D 5 620 M1D	Thomse 0, McCawley Wiillam J. Miller U.S. Weather Bureau CLOSED Ocorge W. Julian	2 3 5 2 3 5 2 3 5 7 C 7/10/54					
Windenr 3 NW	8985 Howeil 9000 Howoll 8032 Johnson 9178 Bollinger	12 35 58 91 5 1 36 38 61 3 9 38 33 63 3 6 37 10 89 5	6 - M1D 3 - 69 6A	Allon Frazee U.6. Forcet Service Logan Sutherland J. Monroo Nuii	2 3 3 2 3 5 7	# Continuation of Kide	der			

1 DRAINAGE CODE: 1. Black 2. Chariton 3. Gaeconade 4. Drand 5. Moramec 8. Miceiceippi 7. Miceouri 6. Woodho 9. Ceare 10. Saint Francis 11. Saine 12. Spring 13. Tarkio 14. White

#### REFERENCE NOTES

The four digit identification numbers in the index number column of the Station Index are assigned on a etete hasis. There will be on duplication of numbers within a etete.

Figuree and lettere following the etation name, euch as 12 SSW, indicate distance in miles and direction from the post office.

Oheervatinn timee given in the Station Index are in Incel etanderd time.

Delayed data and correctione will be carried only in the June end December issues of this hulletin.

Montbly and ecaennal ennwfall end heating degree daye for the preceding 12 monthe will he carried in the June issue of this bulletin.

Statinn names appearing in tables, but for which deta are not listed, are either missing or received too late to be included in this issue.

Unless ntberwise indicated, dimensional units used in this bulletin are: temperature in °F., precipitation and eveporation in inches, and wind movement in miles. Degree days are based on a daily average of 65°F.

Evaporation is measured in the etenderd Weather Bureau type pan of 4-foot diameter unless otherwise shown by fontante following Table 6.

Sleet and hail were included in snowfall everagee in Table 1, beginning with July 1946.

Amounte in Table 3 are from non-recording gegee, unless otherwise indicated.

Data in Tablee 3, 5, 6, and ennwfall data in Table 7 are for the 24 hours ending at time of nheervation. See the Station Index for nheervation time.

Snow an graund in Table 7 is at abservation time for all except Weather Bureau and CAA stations. For these stations enow an graund values are at 0630 CST. "WTB EQUIV" in Table 7 means the water equivalent of snow an the graund. It is measured at selected stations when the depth of snow an the graund is two inches are more. Water equivalent samples are necessarily taken from different points for successive observations; consequently accasional drifting and other causes of local variability in the snowpack result in apparent inconsistencies in the record.

- Data in the column formerly headed "Nn. of Days .01 or more" have been changed to "Nn. of Daye .10 or more" effective January 1, 1954.

  Who record in Tables 3, 6, 7, and the Station Index. No record in Tables 2 and 5 is indicated by no entry.

  And also on a later date or date.

  Annunt included in following measurement, time distribution unknown.

  Gage is equipped with a windebield.

  Adjusted to a full montb.

  Data for recorder stations, deented by "C", are processed for special purposes and published later in Bourly Precipitation Data.

  Water equivalent of snowfall wbolly or partly setimated, using a ratio of 1 inch water equivalent to every 10 inches of new ennwfall.

  One or more days of record missing; see Table 5 for detailed daily record. Degree Day data, if carried for this station, have been adjusted to represent the value for the full month.

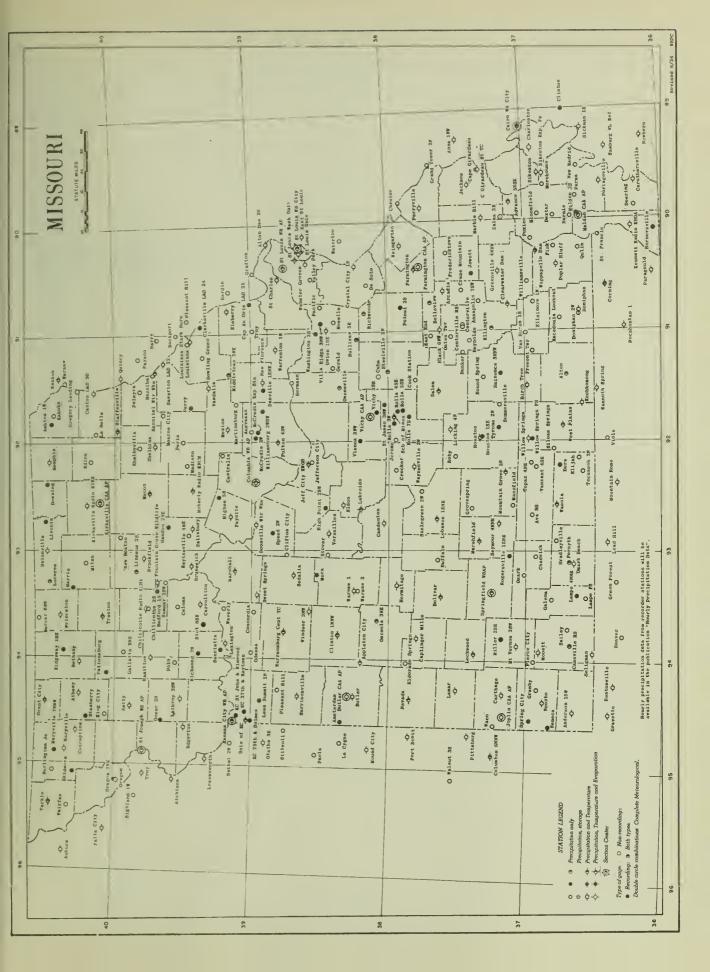
  Amounts from recording gage. (These amounts are essentially accurate but may vary slightly from the amounts to be published later in Bourly Precipitation Data). R
- T Trace, an amount ton email to measure.

  V Includee total for previous month.

  S8 This contry in time of observation column in Station Index means observation made near sunset.

Subscription Price: 20 cents per capy; manthly and annual, \$2.50 per year. (Yearly subscription includes the Annual Summary). Checke and maney orders should be made payable to the Superintendent of Documente. Remittances and correspondence regarding subscriptions should be sent to the Superintendent of Documente, Government Printing Office, Washington 25, D. C.

W.R.P.C., Kansae City, Mo. -- 1-18-55 -- 940



THE PRESIDENCE OF ILLINOIS LIFRARY, URBANA, ILL. 23

LUI & JII MY-Hould for the way

## U. S. DEPARTMENT OF COMMERCE WEATHER BUREAU W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

**MISSOURI** 

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DECEMBER 1954

Volume LVIII No. 12

OFFICIAL BUSINESS Pormit No. 1024

UNIVERSITY OF ILLINOIS LIFRARY DOCUMENTS DIVISION, URBANA, ILL.



ASHEVILLE: 1955



#### MISSOURI - DECEMBER 1954

#### WEATHER SUMMARY

Temperatures over the State averaged 2.5° above normal. Precipitation was rather uneven and averaged 25% less than normal over the northern part of the State and 81% more than normal over the southern part. Farm work was well advanced.

Temperatures over the State averaged near normal for the first three weeks. The 23d to 27th were quite mild. Temperatures at Kansas City on the 25th and 26th and at St. Louis on the 26th and 27th averaged about 20° above normal. Many stations reported their warmest temperatures on these dates. The highest was 70° at Elsberry on the 27th. The last three days were cooler with many stations registering their lowest temperatures on the 30th. The extreme was 9° below zero at Hermitage on the 30th. The mean monthly temperatures for a few widely separated stations, Clinton 1 NNW, Lakeside, Licking 4 N, and Doniphan, were below normal. Mean temperatures at all other stations were above normal. Departures from normal exceeded 5° at several stations in the northwest part of the State.

There were several precipitation periods during the month. The 4th and 5th were rainy over most of the State. Light sprinkles and snow flurries occurred from the 8th to 13th. Light snow flurries were rather general on the 17th and 18th. Christmas Day was sunny and mild with temperatures going into the high 50s and 60s over much of the State. Clouds with light to locally moderate rains arrived on the evening of the 26th. Heavy rains and snow on the 27th and 28th were ideal for crops and for holiday activities. Five to fourteen inches of snow fell on the 28th from Joplin to Kirksville and up to two and a half inches of rain over the southeast. A few counties in the northwestern part of Missouri received less than one half inch of rain during the month. Princeton received the least, 0.22 inch. At the other extreme, several stations in the southeast part received more than eight inches of precipitation. These stations and amounts were: Cape Girardeau, 8.07 inches; Marble Hill, 8.19 inches; and Williamsville, 8.44 inches. A number of stations in the southeast part of the State received no snow during December or only a few flakes, not enough to measure. Others recorded rather generous snowfalls, the greatest amount being 19.1 inches at Butler. In general, the snowfall averaged less than an inch over the southeastern part, about five and a quarter inches over the northern part, and almost seven and a half over the southwestern part.

Pastures were good the first part of December in spite of the driest November of record over the southwest and parts of the north. However, stockwater was diminishing and the wheat and pastures in the northern part of the State were short and browning by the end of the second week. The United States Geological Survey reported that the water level in their key well at Trenton was the lowest in the eleven years of record. While stock water was being hauled in the north, the generous rains over the southeast caused the top soil to become too wet.

So, as the month, and the year, came to a close, some citizens summarized the weather was "warm and dry" while in other areas which were favored by abundant rains and snows, all fears of a winter drought had been eliminated.

Lucius W. Dye

# SUPPLEMENTAL DATA

MISSOURI DECEM6ER 1954

	Wind	direction		Wind m.	speed p. h.		Relati		idity ave	rages -		Numl	per of d	ays with	precip	itation			nset
Station	Prevailing	Percent of time from prevailing	Average	Fastest mile	Direction of fastest mile	Date of fastest mile	12.30A CST	6:30A CST	12:30P CST	61 30P CST	Trace	60'-10'	.1049	.5099	1.00-1.99	2.00 and over	Total	Percent of possible sunshine	Average sky cover sunrise to su
OLUMBIA WE AP	SSE	15	11.3	40	W	9	74	79	64	69	6	4	2	2	0	0	16	41	6.6
CANSAS CITY WB AP	s	14	9.5	33	W	14	70	73	59	59	10	1	3	0	0	0	14	42	5.9
ST. JOSEPH W9 AP	-	-	-	-	-	-	-	-	-	-	9	3	2	0	0	0	14	-	-
ST. LOUIS WE CITY	S†	14†	12.2	31	SW	26	75 <b>†</b>	79 <b>†</b>	65†	69†	7	6	4	1	0	0	16	44	7.5
SPRINGFIELD WE AP	SSE	26	14.0	45	N	5	60	93	71	75	2	3	2	3	2	0	12	45	6.1

† -- airport data

COMPARATIVE DATA

DECEMBER

																			LEMBER
T	emperatu	re	P	recipitatio	on.		Te	mperatu	re	P	recipitatio	on.		To	mperatu	re	P	recipitation	
Average	Highest	Lowest	Average	Average		Year	Average	Higheet	Lowest	Average	Average		Year	Average	Higheet	Lowest	Average	Average	
35.9 46.6 39.0 39.9 29.4	70 90 76 72 75	0 2 - 3 - 1 -22	2.43 1.09 1.19 1.98 2.50	0.1 4.9 4.9		1913 1614 1915 1619 1617	39.3 29.9 34.7 31.3 25.5	74 99 99 62 92	- 3 -19 -13 -29 -23	2.29 2.51 2.99 1.92 0.76	9.9 9.6 7.9 4.4 7.3		1939 1939 1940 1941 1942	35.9 39.9 39.6 36.9 32.7	72 90 76 72 76	2 - 5 - 2 3 - 4	1.93 1.45 2.59 2.21 4.01	0.2 6.3 1.7 2.1 7.4	
35.2 36.7 34.3 39.6 29.3	76 75 69 79 74	- 7 - 7 - 6 - 5	0.97 2.41 6.40 0.92 3.03	2.7 1.3 3.4 T 9.3		1919 1919 1920 1921 1922	40.0 28.5 35.9 39.9 39.3	83 74 77 74 75	-12 -22 -10 - 9 - 9	3.23 0.72 2.12 1.97 2.27	7.8 0.7 2.3 1.9 0.2		1943 1944 1945 1949 1647	31.3 29.1 27.9 40.2 37.7	72 70 70 77 73	-20 -14 -20 - 9 7	2.10 2.26 1.39 2.44 1.64	9.9 5.1 7.9 0.5 1.1	
28.7 30.4 35.6 29.5 30.7	74 75 68 71 66	-20 -13 - 3 -29 - 7	1.65 2.22 0.79 3.20 3.32	5.1 9.6 0.6 8.9 3.1		1623 1924 1625 1926 1927	41.0 27.7 31.9 32.6 29.6	62 90 69 75 74	- 4 -28 -10 -12 -11	3.07 3.49 1.43 2.19 2.61	0.9 4.9 4.9 2.4 2.9		1949 1949 1950 1951 1952	37.1 39.1 30.3 32.9 35.8	61 92 76 90 73	-29 -12 -11 -13 0	2.16 3.87 0.55 1.70 1.95	4.2 1.4 3.5 3.3 1.9	
30.2 32.9 33.3 36.1 37.7	65 75 66 73 76	-11 -10 - 2 0 3	1.70 1.55 1.71 2.52 1.75	2.3 6.0 1.7 0.9 3.7		1629 1929 1930 1631 1632	36.2 35.2 34.2 42.7 31.2	91 76 70 90 77	0 - 9 2 11 -21	2.29 1.74 1.24 2.71 4.74	1.4 3.7 1.9 1.7 5.7		1953 1954	36.4 38.4	69 70	-11 - 9	1.39 3.37	2.3	
39.4 24.9 31.2 36.7 36.5	90 76 67 74 72	- 4 -17 - 5 -11 2	0.79 2.87 1.49 2.95 0.82	7 7.7 2.4 5.1 0.9		1933 1934 1935 1939 1937	39.1 31.9 30.7 39.4 32.0	79 69 99 69 96	- 7 - 3 -11 - 7 - 2	1.62 1.90 1.20 2.92 2.24	0.4 5.0 2.9 2.2 0.9								
	35.9 46.6 39.9 29.4 35.2 36.7 34.3 39.9 29.3 28.7 30.4 35.6 29.5 30.7 30.7 30.7 30.7 31.6 32.9 33.9 33.9 34.7 35.6 36.7 37.7 37.7 39.8 30.7	35.9 70 46.6 90 39.9 72 29.4 75 35.2 76 36.7 75 34.3 69 29.3 74 28.7 74 30.4 75 30.4 75 30.6 68 29.5 71 30.7 66 30.2 65 32.9 75 33.3 66 30.2 65 32.9 75 33.3 66 30.7 76 30.7 76 30.7 76	35.9 70 0 46.6 90 2 39.0 76 -3 39.9 72 -1 29.4 75 -22 35.2 76 -7 36.7 75 -7 34.3 69 -6 39.6 79 -5 29.3 74 -14 28.7 74 -20 30.4 75 -13 35.6 68 -3 39.5 6 8 -3 30.7 66 -7 30.2 65 -11 32.9 75 -10 33.3 66 -2 33.3 66 -2 33.3 66 -2 33.7 76 3 39.4 90 -4 24.9 76 -17 31.2 67 -5 36.7 74 -11	35.9 70 0 2.43 46.6 90 2 1.09 39.0 76 - 3 1.19 39.9 72 - 1 1.98 29.4 75 - 22 2.50 38.7 75 - 7 2.41 34.3 69 - 6 6.40 39.6 79 - 5 0.92 29.3 74 - 14 3.03 28.7 74 - 20 13.2 28.7 74 - 20 13.2 30.4 75 - 13 2.22 30.4 75 - 13 2.22 30.7 66 - 7 3.32 30.7 66 - 7 3.32 30.7 66 - 7 3.32 30.7 76 3 1.75 39.4 90 - 4 0.25 39.4 67 - 5 1.49 31.2 67 - 5 1.49 36.7 74 - 11 2.95	35.9 70 0 2.43 46.6 90 2 1.09 0.1 39.0 76 -3 1.19 4.9 39.0 76 -3 1.19 8.7 22.4 75 -22 2.50 4.9 35.2 76 -7 0.97 2.1 36.7 75 -7 2.41 1.3 36.7 75 -7 2.41 1.3 36.8 99 -6 6.40 3.4 35.2 76 -7 0.97 2.7 36.7 75 -7 2.41 1.3 36.7 75 -7 2.41 1.3 36.7 75 -7 2.41 1.3 36.6 99 -5 0.92 7 29.3 74 -14 3.03 9.3 28.7 74 -20 1.65 5.1 30.4 75 -13 2.22 9.6 35.6 68 -3 0.79 0.6 35.6 68 -3 0.79 0.6 35.6 68 -3 0.79 0.6 35.6 68 -3 0.79 0.6 35.7 76 -7 3.32 3.1 30.2 65 -11 1.70 2.20 30.7 66 -7 3.32 3.1 30.2 65 -11 1.70 2.3 30.3 66 -2 1.71 1.7 30.4 73 -1 1.75 6.0 33.3 66 -2 1.71 1.7 36.1 73 0 2.52 0.9 37.7 76 3 1.75 3.7 39.4 90 -4 0.79 T 31.2 67 -5 1.49 2.4 36.7 77 71 -11 2.95 5.1	35.9 70 0 2.43 46.6 90 2 1.09 0.1 39.0 76 -3 1.19 4.9 39.9 72 -1 1.98 29.4 75 -22 2.50 4.9 35.2 76 -7 2.41 1.3 34.3 69 -6 6.40 3.4 39.6 79 -5 0.92 7 29.3 74 -14 3.03 9.3 28.7 74 -20 3.22 9.6 35.6 68 -3 0.79 0.6 35.6 74 -10 1.55 6.0 33.3 66 -2 1.71 1.70 2.3 30.4 75 -13 3.2 2.5 0.9 37.7 76 3 1.75 3.7 39.4 90 -4 0.5 0.9 31.2 67 -5 1.49 2.4 31.2 67 -5 1.49 2.4 31.2 67 -5 1.49 2.4	Year   Year	Year   Year	Year   Year	Year   Year	Year   Year	Year   Year	Year   State   Year	Year   Year	Year   Year	Year   Year	Year   Year	Year   Year	Temperature    Precipitation

averages for the period 1949 to date have been weighted according to area and are not comparable with unweighted values published in this table for earlier years.

MISSOURI DECEMBER 1954

				Tem	pera	ture									P	recipi	itation					
				lec					s À	No	of Day	y 8		lac	Day		Snow,	Sleet, F	Lail	No.	of E	еуя
Station	Average	Average	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Me:	Melow or Melow	Below B	Total	Departure From Normal	Greatest D	Dete	Total	Max. Depth on Ground	Date	.10 or More ®	.50 or More	or More
NORTHERN OIVISION  ALBANY AMITY BETHANY BROOKFIELD BRUNSWICK CANTON L AND D 20 CARRULLTON CHILLICOTHE RADIO KCHI COLUMBIA WB AP R CONCEPTION EDGERTUN ELSBERRY FAYETTE FOUNTAIN GROVE WILOLIFE FULTON 4 SW GRANT CITY HAMILTON HANNIBAL WATERWORKS KANSAS CITY WB AP R K C GREEN HAVEN WEST KIRKSVILLE RADIO KIRX KIRKSVILLE CAA AP R LATHROP 3 SW LOUISIANA STARKS NUR MACON MARYVILLE MEMPHIS MEXICO MOBERLY RADIO KNCM NEW FLORENCE OREGON PRINCETON SAINT JOSEPH WB AP R SALISBURY SAVERTON L AND O 22 SHELBINA STEFFENVILLE TARKIO TRENTON UNIONVILLE VANOALIA WARRENTON 1 N	43.3 43.4 42.8 45.8 45.8 45.6 43.7 43.9 45.2 45.0 44.9 41.0 42.9 41.0 43.1 40.4 42.5 43.1 40.4 43.1 40.4 43.1 40.4 43.1 40.4 43.5 43.5 43.5 43.5 43.5 43.5 43.9 43.9	24.1 25.1 23.9 25.3 26.6 25.5 25.5 24.0 25.5 24.0 25.7 24.0 25.7 24.1 21.5 24.0 25.7 24.0 25.7 24.0 25.7 24.0 25.7 24.0 25.7 24.0 25.7 26.6 26.5 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0	33.7 34.4 35.6 33.1 35.7 35.5 34.1 35.5 34.2 35.6 34.2 35.6 34.1 35.6 34.1 35.6 34.1 35.6 34.1 35.6 34.1 36.6 36.6	3.3 5.3 1.4 5.8 2.4 4.8 4.7 0.0 4.7 0.7 4.5 4.9 1.6 3.2 2.9 5.6 2.7 2.5 1.3 3.1 5.5 5.6 2.7	572555224443046880142801662755438168330509933	55576666655776U755665566656754 222222222222222222222222222222222222	4 9 9 3 3 8 13 12 12 6 6 5 10 12 14 10 10 12 17 7 0 14 15 9 12 7 7 9 9 12 17 7 7 13 0 8 10 11 13 13	300+ 300+ 330	963 946 972 906 898 984 939 901 905 919 897 1001 1051 1051 1058 923 1016 941 941 941 941 941 941 941 941 941 941	000000000000000000000000000000000000000	2 2 2 3 2 8 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	000000110000000000000000000000000000000	0.54 0.82 0.38 1.73 1.93 1.50 0.45 0.54 0.86 1.66 1.76	- 0.33 - 1.22 - 0.77 0.26 - 0.13 - 0.05 - 0.48 - 0.43 - 0.58 - 1.35 0.00 0.22 - 0.00 - 0.	1.03 1.15 0.75 0.61 0.63 0.13 0.29 0.90 0.90 0.91 0.72 0.90 0.35 0.37 1.07 0.90 0.35 0.37 1.07 0.90 0.35 0.37 1.07 0.90 0.35 0.37 1.07 0.90 0.35 0.37 1.07 0.90 0.35 0.37 0.37 0.37 0.37 0.37 0.37 0.37 0.37	5 8 2 9 3 0 9 5 7 2 2 7 5 9 2 9 5 7 2 8 9 5 7 2 8 5 7 2 8	2.5 2.5 2.5 5.9 10.3 8.3 10.1 5.5 7.1 1.0 7.5 6.8 8.9 T T T 8.8 8.9 T T T 8.8 8.9 T 10.0 2.0 T 10.0 2.0 T 10.0 2.0 10.0 10.0 10.0 10.0 10.0 10.0 1	1 2 3 10 12 8 10 5 7 1 1 0 2 7 5 6 6 2 T 4 T 0 7 7 8 0 5 5 8 3 10 7 7 6 5 5 1 1 0 2 2 5 5 5 1 0 2 2 4 2	17 17 17 29+ 30+ 29 29 17 28+ 29+ 29+ 30+ 30+ 30+ 30+ 30+ 30+ 30+ 30+ 30+ 30	3315424342243240243240223222222222222222222	011011211200002100021000011222000	000111000000000000000000000000000000000
ANOERSON 1 SW APPLETON CITY BOLIVAR BOONVILLE WATERWORKS BUTLER BUTLER CAA AP CALIFORNIA CAMOENTON CAPLINGER MILLS CARTHAGE CLINTON 1 NNW ELOON HARRISONVILLE HERMITAGE JEFF CITY RAOIO KWOS JOPLIN CAA AP KANSAS CITY UNI OF K C LAKESIOE LAMAR LEBANON 1 ENE LEXINGTON LOCKWOOO MARSHALL MARSHFIELD MONETT MOUNTAIN GROVE 2 N MOUNT VERNON 3 SW NEOSHOO NEVADA OZARK BEACH SEOALIA SELIGMAN SEYMOUR 4 NNE SPRINGFIELO WB AP SPENOFIELO WB AP	51.5 47.4 47.5 42.0 45.3 47.4 48.6 50.0 44.8M 46.2 48.6 46.2 48.6 46.2 48.6 46.3 42.5 48.8 47.8 51.0 46.7 44.8M 45.5 46.6 46.4 46.5 48.6 46.2 46.3 42.5 48.6 48.6 48.6 48.6 48.6 48.6 48.6 48.6	23.8 27.5 28.7 25.4 27.4 25.4 22.8 28.4 22.8 28.5 27.8 27.8 28.6 20.0 25.8 29.4 28.6 28.6 28.6 28.6 28.6 28.6 28.6 28.6	37.7 37.5 38.1 33.7 35.4 38.5 37.7 35.4 38.5 34.2 37.3 36.1 37.2 34.2 37.3 36.1 37.3 37.3 36.1 37.3 36.1 37.3 37.3 37.3 36.1 37.3 37.3 37.3 37.3 37.3 37.3 37.3 37	0.2 2.9 2.5 1.4 4.4 0.0 2.5 -1.2 0.9 2.4 2.2 3.0 3.1 2.6 2.9 4.0 3.8 1.7 7.7 1.0	64344445955 6 39943844424 331256675 23443252567	26 27 25 26 25 + 26 25 + 25 27 25 26 26 26	19 10 4 2 13 5 12 8 13 - 9 12 18 12 6 10 15 13 15 10 15 10 11 10 11 10 11 10 11 11 11 11 11 11	330 30 30 30 30 30 30 30 30 30 30 30 30	837 849 824 842 914 813 793 851 793 854 795 851 791 838 826 787 838 848 859 851 791 838 848 859 851 791 848 848 859 859 859 859 859 859 859 859 859 85	000000000000000000000000000000000000000	1 2 7 6 7 2 7 6 7 2 7 6 7 7 7 7 7 7 7 7 7	000000000000000000000000000000000000000	4.267 3.784 4.151 4.293 3.974 4.619 3.971 4.071 4.081 4.091	1.91 1.34 1.44 0.24  2.27 1.55  - 0.20 2.12 - 1.27 0.60 2.51 1.80 - 0.68 2.24  2.87 2.66 0.53 3.35 2.08 3.15	1.29 1.153 0.70 1.77 1.37 1.90 1.43 1.55 2.15 0.945 2.357 0.945 1.35 1.51 1.51 1.51 1.51 1.51 1.51 1.5	5 27 28 29 29 5 27 28 5 5 29 27 28 5 29 27 28 5 29 27 28 5 29 27 28 5 29 27 28 5 29 20 20 20 20 20 20 20 20 20 20 20 20 20	6.7 14.0 3.6 7.3 19.1 13.7 8.3 8.0 5.4 6.1 3.7 0.0 5.2 8.5 7.2 5.0 6.0 5.5 4.5 7.2	6 14 3 7 7 9 14 8 8 7 0 7 7 5 6 4 4 0 5 5 5 1 4 4 3 3 5 5 1 4 4 6 6 0 0 4 8 8	29+ 29- 30- 29- 30- 29- 30- 29- 30- 29- 29- 29- 29- 29- 29- 29- 30- 29- 29- 30- 29- 30- 30- 30- 30- 30- 30- 30- 30- 30- 30	5354444546 4 646355534 5 66 565 574455555	423mmmm4 m 2110m4m04 m m5 m41 m51m2mmm	2 1 1 0 2 2 1 2 2 1 2 0 0 2 2 2 2 2 2 2
SOUTHEASTERN OIVISION  AOVANCE 5 ESE  ARCADIA	47.4 47.5	28.5	38.0 37.6	1.5	63		19 16	3+ 7+	831 841	0 0	0 24 1 25	0	6.80 4.96	3.90 2.11	2.95	5	0.0 T	000		5	5	4

MISSOURI DECEMBER 1954

					Ten	pera	ture									P	recip	itation					
					la la					șa.	No.	of Da	ye		F	<b>b</b>		Snow,	Sleel, l	lail	No.	of Da	yø
Station		Average	Average	Average	Departure From Norm	Highest	Date	Lowest	Date	Degree Days	Above or 32° or	. 5 .	Min. Beloa	Total	Departure From Norm	Greatest Day	Date	Total	Max. Depth on Ground	Date	, .18 or More	.50 or More	or More
BIRCH TREE BLACK 6 NW CAPE GIRARDEAU MO ST CARUTHERSVILLE CHARLESTON CLEARWATER OAM CRYSTAL CITY 1 N DONIPHAN FARMINGTON CAA AP GREENVILLE 4 NNW MOUSTON MOUSTON JACKSON KENNETT RADIO KBOA KOSHKONONG LICKING 4 N MALOEN CAA AP MARBLE HILL POPLAR BLUFF PORTAGEVILLE ROLLA SCHOOL OF MINES SAINT LOUIS WB AP SAINT LOUIS WB AP SAINT LOUIS WB AP SAINT LOUIS WB CITY SAINT LOUIS WB CITY SAINT LOUIS WB CITY SAINT LOUIS WB CITY SAINT LOUIS WB CITY SAINT LOUIS WB CITY SAINT LOUIS WB CITY SAINT LOUIS WB CITY SAINT LOUIS WB CITY SAINT LOUIS WB CITY SAINT LOUIS WB CITY SAINT LOUIS WB CITY SAINT LOUIS WB CITY SAINT LOUIS WB CITY SAINT LOUIS WB CITY SAINT LOUIS WB CITY SAINT LOUIS WB CITY SAINT LOUIS WASH UNI SIKESTON SIKESTON CROP EXP FARM UNION 1 SE SET PLAINS WILLOW SPRINGS OIVISION STATE	R	48.4 40.3 48.3 48.3 48.8 45.7 48.5 47.5 47.5 48.6 47.5 48.6 47.5 48.6 47.5 48.6 47.5 48.6 47.5 48.6	25.5 20.7 32.1 26.5 26.5 26.5 26.5 27.6 26.5 29.8 30.7 26.9 29.7 26.1 29.7 29.2 29.2 29.2 31.6 29.3 29.7 29.7 29.9 29.7 29.9 29.7 29.9 29.7 29.9 29.7 20.6	37.0 30.9 30.9 30.5 42.2 39.7 37.4 36.5 38.1 36.9 38.7 39.4 37.3 39.4 37.4 37.4 37.4 37.6 38.5 38.5 37.7 39.1 37.6 38.5 38.5 37.7 39.4 37.6 37.6 38.5 37.6 38.5 38.5 37.6 38.5 37.6 38.5 37.6 37.6 38.5 38.5 37.6 38.5 38.5 37.6	0.6 2.1 1.3 2.1 - 0.1 0.2 1.9 0.8 2.1 1.0 - 1.0 0.6 1.3 2.6 1.6 1.2 2.5 1.4 0.2 0.8 1.6 0.2	6732666464666666666666666666666666666666		200 211 13 16 16 18 17 15 11 19 19 19 18 11 19 18 17 19 18 17 19 18 17 19 18 17	7 20 20 20 20 20 10 20+ 20+ 20+ 20 30 30 30 20 20 20 20 30 7 20 20 30 30 30 20 20 30 30 20 30 30 20 20 30 30 20 30 30 30 30 30 30 30 30 30 30 30 30 30	862 2 866 813 7011 776 849 865 906 827 785 855 855 839 801 727 869 839 865 871 836 866 866 866 866	000000000000000000000000000000000000000	0 25 1 21 1 21 1 19 0 22 2 8 0 22 2 7 0 22 2 8 0 22 2 7 0 22 2 8 0 19 0 22 2 8 0 22 2 7 0 22 2 8 0 22 2 7 0 22 2 8 0 22 2 8 0 22 2 7 0 22 2 8 0 22 2 8 0 22 2 8 0 22 2 8 0 22 2 8 0 22 2 8 0 22 2 8 0 22 2 8 0 22 2 8 0 22 2 8 0 22 2 8 0 22 2 8 0 22 2 8 0 22 2 9 0 22 2 9 0 22 0 24 0 2	000000000000000000000000000000000000000	6.72 5.13 6.58 6.55 3.86 6.55 7.50 5.75 7.50 5.25 5.17 6.96 6.09 3.17 1.90 7.29 7.34 7.03 8.15 1.90 6.09 8.15 8.19 6.09 8.19 6.09 8.19 6.09 8.19 6.09 8.19 8.19 8.19 8.19 8.19 8.19 8.19 8.1	3.97 2.68 4.40 0.60 1.32 0.72 1.89 3.34 3.50 4.07 1.77 2.79 4.52 2.97 0.99 0.19 0.51 0.51 0.40 2.80 3.09 -0.21 3.98	2 · 21 1 · 63 3 · 00 1 · 75 1 · 98 1 · 43 0 · 98 1 · 38 2 · 21 1 · 43 1 · 38 2 · 21 1 · 47 1 · 64 1 · 77 1 · 64 1 · 30 1	5 5 5 12 28 5 5 28 5 5 28 5 5 28 5 5 28 5 5 5 28 5 5 5 29 29 29 29 29 29 29 29 29 29 29 29 29	1.0  T T T 0.0 0.0 T T 1.0 3.5 T T 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7	0 1 1 0 0 0 0 0 0 0 0 1 1 T T 2 2 0 0 1 1 T T 2 2 0 0 1 0 T T T 1 0 0 1 T T T 2 2 0 0 1 0 0 T T T T 1 0 0 1 T T T 2 2 0 0 1 0 0 T T T T 1 0 0 1 T T T 2 2 0 0 1 0 0 T T T T 1 0 0 1 T T T 2 2 0 0 1 0 T T T T 1 0 0 1 T T 1 0 0 1 T T 1 0 0 1 T T T 1 0 0 1 T T T 1 0 0 1 T T T 1 0 0 1 T T T 1 0 0 1 T T T 1 0 0 1 T T T 1 0 0 1 T T T 1 0 0 1 T T T 1 0 0 1 T T T 1 0 0 1 T T T 1 0 0 1 T T T 1 0 0 1 T T T 1 0 0 1 T T T 1 0 0 1 T T T 1 0 0 1 T T T 1 0 0 1 T 1 0 0 1 T 1 0 0 1 T 1 0 0 1 T 1 0 0 1 T 1 0 0 1 T 1 0 0 1 T 1 0 0 1 T 1 0 0 1 T 1 0 0 1 T 1 0 0 1 T 1 0 0 1 T 1 0 0 1 T 1 0 0 1 T 1 0 0 1 T 1 0 0 1 T 1 0 0 1 T 1 0 0 1 T 1 0 0 1 T 1 0 0 1 T 1	12 13 13 13 12+ 12+ 13+ 13+ 18+ 18+ 18+ 18+ 18+ 18+ 18+ 18	66 8 85595766 6678977765789976563576	4 53444645 654676421121545126055	32 1 22301234 2133224110102240130033

Station	Total														y of n																	1954
	T	1	2	3	4	5	6	7	8	8	10	11	12	13	14	15	18	17	18	19	20	21	22	23	24	25	28	27	28	29	30	31
ADVANCE 5 ESE ALBANY ALTON AMITY ANOERSON 1 SW	6.80 .54 6.26 .82 4.26	T •12			т	2.95 .17 1.22 .52 .05	.04	т	*05 T	.05			.90 .55	.06	т			.05	T T .09		т						. 22	.79	1.09 .10 1.44 .12 1.29		.03	
ANNAPOLIS 7 SW APPLETON CITY ARCAGIA AUXVASSE AVA RANGER STATION	5.86 2.97 4.96 5.58	.06	-	_	-	1.43 1.15 e - 1.31	.16 1.30	-	-	.04	-	*04 T	.76	.40 .84 -	Ţ	-	-	T -	7 •05	T T	-	-	-	-	-	-	т -	.70 .81 .65	1.57 .03 1.16 	.74 .93 .96	.19	-
BELLEVIEW BERNIE BETHANY BIRCH TRLE BLACK 6 NW	4.37 6.81 .38 6.72 5.13	* <sup>01</sup>				1.23 1.99 .01 .94 1.63	.03		.06	.01 .05		.01 T	.47 .78	.47 .50	T T	т		.08	.01	•02							•03	.09	.90 2.06 .11 2.21	.96	.10 .01	
8LOOMFIELO 8OLIVAR 8OONVILLE WATERWORKS 8OWLING GREEN	7.05 3.78 1.94 1.55	.02	.01			2.90 .75 .18 .22	•15			.03		T •01	.80	•45		•03		T T	.03 .02 .11	.01 .04							т	.52 1.23 .30	1.42	.65 .81	•11 •53 •61	
8RADLEYVILLE  8ROOKFIELD  8RUNSWICK  8UFFALO  8UKER	1.73 1.93 3.95 4.49	.03 .10	-	-	-	.33 .28 1.36 1.68	,	-	-	т	-18	T .36	.25	.10	-	-	-	- 10 T	.08	T T	-		-	-	-	-	.03 T	.10 .14 .35	.20	1.03	1.15	-
BURLINGTON JUNCTION  BUTLER BUTLER CAA AP CALIFORNIA CAMBENTON	.79 4.15 3.41 2.85 4.29	т			.01 .18	.24 .82 .56 .62 1.73			T •01	.10	•03	.06	•02	T •02				.02 .01 .01	.01 .02	•01		Т	T •01				т	1.33 1.19 .73	.05	1.77 1.37 1.14 1.23		
CANTON L AND D 20  CAPE GIRAROEAU MO ST CAPE GIRAROEAU CAPLINGER MILLS CARROLLTON	8.07 7.24 3.97	.03 .08 .04				3.00 2.60 .69	.18		*14 T	.02 .05 .10		T	.65	1.20		T		.02 T T	.04 T	T •02 •02	7 ,					т	T •03	.01 1.04 .51 1.90	1.43 1.90 .48	.02 .73 .75	.75 .02 .05	.01
CARTHAGE  CARTHAGE  CARUTHERSVILLE  CASSVILLE RANGER STA  CENTERVILLE RANGER STA	1.74 4.61 5.14 5.43 6.11	.02 .04 .07				.51 .33 .13 1.54	•22		т	.12		T .07	.28 .87 .81	.14 .74 .24	т			. U 3	.04 T .03	T T •01	т						-03	.17 .30 .86	1.75 2.48 1.36	.90 1.31 .89	.04 T .06	
CENTRALIA  CHADWICK CHARLESTON CHILLICOTHE 2 S	6.22 1.96 4.88 6.58	•05				1.68 .38 .54 2.25 .45	•08			.06 .02		.08 .01	.73 1.10	.33				T •02	.05 .01	•02 T								.18 1.10	2.33 1.15 .12	.22 .83 .47	.08	
CHILLICOTHE RADIO KCHI CLEARWATER DAM CLIFTON CITY CLINTON 1 NNW COLOMA	1.37 6.55 2.17 - 1.28	.02 .10			Т	.36 1.98 .47 1.10	.07		Т	.07 .11 T		.10 .03	.68	.48				.08 T	.04 .01 T	T T						-	-	.09 .81 .46	1.36 .53	-	.57	-
COLUMBIA WE AP R CONCEPTION  CONCORDIA COOK STATION CRAME MOUNTAIN	1.59 .45 1.98 4.27 5.83	•15 •05			.02	.22 .21 1.24 1.70	•08		Ť T	.13	.01 T	.07	•50	.48 .45	Т			.12 .03	•02	.05			Т				,13	.63 T	.12 .08 .07 .83 1.34	.70	1.22	
CROCKER CRYSTAL CITY 1 N  CUBA DEERING OE SOTO	3 · 86 2 · 96 5 · 03 4 · 47	.02 T	-	-	-	1.42 1.05 .47 1.28	- .06 .16	-	.03	- •06 T •05	-	.03	.50 .31 .48	- •25 •84 •41	-	- •05	•02	Ť	.03	.03	-	-	-	-	-	-	•22	-	1.09	- .42 .56	.34	-
OEXTER DONIPHAN OONIPHAN 2 W EAST END	6.73 4.44 5.92	.10				1.97	.04			.09 T			.96 1.43	.37 .05			•02	Т	·	T								.78 1.54	1.59	.72	.13	
EOGERTON EOINA ELOON ELDORADO SPRINGS ELIJAH	2.65 5.71	т				1.55 .70			т	•02		.01 T	.01	•30		Т		.03 .05 .03	.03 .02								т	.10 .80	.34		1.08	
ELLINGTON ELLSINORE 1 N ELSBERRY FAIRFAX FARMINGTON	6.76 6.75 .86	.14				2.30 2.29 .26	.10		T •02	T •07		т	.63 1.45 .03	*30 T		<b>40 2</b>	т		T .03	T							т	1.10 1.57 .14		.61	•10	
FARMINGTON CAA AP FAYETTE FISK FOUNTAIN GROVE WILDLIFE	4.69 4.54 1.66 6.80	•15 T			•03 T	.89 1.38 .14 1.58	.08		*03 T	.02 T		.03	.34 .88	•58 T		Т	Т	Ť T	.03 .05 T	Т							•05	.91 .56 .64	.44 T 1.97	.79 .91 .96	.04	
FREDERICKTOWN FREMONT TOWER FULTON 4 SW GALENA GALLATIN 2 NE	5.12 6.81 2.23 4.05	.06				.95 1.80 .37 .46	•40		Т	.04 T		•02	1.00 1.05	•47				•02	.03 .06	Т							т	*81 T	2.48	1.00	•13 •05 •90	
GERALD GRANSY GRANT CITY GREENVILLE 4 NNW GREGORY LANGING	2.30 4.43 .26 6.70	.04 T				.98 .65 2.21	T •13			.08 .02		.07	•17 •45 •76	. 33		т		•05 T	T .05	Т	т						т	.09 1.04 .06 .85	1.36 .07 1.21	.56 .57	.04	
GROVESPRING MAILEY MAMILTON MANNIBAL MANNIBAL MANNIBAL	4.80 5.23 .63 1.51	.06			.06	1.79 .10 .37 .07			•03	.05		.04	.64 .95	•37 T	т	•04		,01 T	T T T	T	•05				т	т	•06 T	2.27	1.34 1.08 .16 .70	.51 .78	.09	
MARRISONVILLE MAZLEGREEN 2 W MERMANN MERMITAGE MOUSTON	3.98	-02	-	-	-	1.64 .38 2.15	-11	-	-	-	-	- •06 •16	.26	.27	i	.52	-	-	T	- •02 T	-	-	-	•	•	-	•	.24	.79 .38	.69 .25 .43	-18 -20 -10	
JACKSON JEFF CITY RADID KWOS JEFFERSON CITY JEROME	7.50 1.74 1.85 3.59	.06 .03				1.73 2.31 .23 .40 1.74	т		† 02			T T	1.10 1.20 T T	•17		т		T T	T •03	.02 T							T	1.45	1.68 .27 .94 .43	.59 .94 .31 .51	•17	
JOPLIN CAB AP FAMORA FAMSAS CITY WE AP F C GREEN MAYEN WEST FAMSAS CITY UNI OF K C	4.01 1.00 .67 .74	т			-11			T •02	T	•02 •02	Т	*04 T	. 34	T T			т	* 01 T T	.01 .08 T								T	2.35 .18 .24 T .13	.22 .04 .30 .27	T T •02	•50	
FENNETT RADID #80A #EYTESVILLE 4 NE #ING CITY #IR#SVILLE RADIO KIRX #IR#SVILLE CAA AP R	5.49 - .72 .87	-	-	-	•19	.60 .25	-	-	•12 •07 •02	т	т	- T T	1.46 T	-36	- T •01	т	-	.04 .03 .05	- T .09	т	-	- T T	т	-	-	-	: T	1.37 - .25 .11		.73 .17 .54		
FUSHFLOOGNG LA BELLE LARESIDE LAMAD LAMAD FOREST SERVICE	5.25 1.78 2.90 4.39 5.53	.05				.71 .98 .78				*01 T		.06 .01 .02 T	.94 .05 .18 .76			т			.02 .06									.59 .29 .41 .85	.50	1.06 .04 .58 1.35 1.23	. 95	

Table 3—Continued																														DECEM		1774
Station	Total	1	2	3	4	5	6	7	8	9	10	11	12	13	of m	onth 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
LATHROP 3 SN LEBANON 1 ENE LEAI MGTON LICAING 4 N LINNEUS 2 S	.59 4.08 .91 5.17 E .71	.01				.3T 1.52 .22 1.69	.03		E.08	т		.03 T	. 32 . T6	.23 T	Ť			T T	.04 T	.03 T	т						.06 T	.01	.16 1.02 .21 .06	T .T0 T .89	.07 .40 .02	
LOCAWOOD LOUISIANA STARKS NUR LOUISIANA LOCENNE HACEDONIA LOOKOUT	4.36 2.52 2.22 .55 5.TO	.05				1.1T .26 .24			.04	.04		.03 .08 .07	1.55	•06		.02 .11		.03 .03 T	.0T .04 T	•от							.05 .02		.06	.06 1.07 .13 T	.02 .74 .02	
MACON HADISON HALDEN CAA AP HANSFIELO HARBLE HILL	2.0T 1.58 6.96 5.T8 8.10	.02				.29 .48 1.75 1.64 3.04			.10	•02		T .30 T	.9T .63	T •T0 •T3		•04		Т	.08 T	.02								.03 .33 1.66	1.84 1.T4	.55	.24 .19	Т
MARSMALL MARSMETELO MARTHINSOURG MARYVILLE MEMPHIS		-	-	-	-02	1.16 .34 .24	-	т	.02	T T	-	.04	- • T5	-	-	- .01 T	-	T T .1T	.04 .01 T	т	т	-	-	-	-	-	.09	1.23 .53	.56 .20 .20	.60 .TS	. 98	-
HERCER 8 NW HEALCO HIOOLETOWN 5 NE HILAN HOBERLY RADIO KNCH	2.11 1.66 1.05	-11				.02 .35 .35 T				.05 .04 .04 .08		T .05				.03 .03 .02 .07		.08	.05	.01 .0T							+14 T	.10 .40 .62	.00 .80 .59	.15 .16 T	.T1 .53 .33	
HONETT HONROE CITY HOREMOUSE HOSELLE HOUNTAIN GROVE 2 N	5.T4 1.83 T.51 2.54 5.28	.18			T	.T2 T 2.05 .T6 1.45			.12	. 28 T		*OT	.64	.95 .46 .25 .T8				т	.06 T	T •15					Ť		.40	.01	1.34 .41 1.60	. 54 . TO	.08	
HE . FLORENCE	5.20 4.04 3.34 E1.48 1.76				Ť	.81 .18 .46 .30 .25				т		.02 T	.T3 .64 T		т	Ţ		.01	.02 .03 E.03	т		т						1.51 1.54 .TO .10	.36	.T3 1.10	.50 .75 T	
HE & MADRIO CATES TOWER DOESSA OREGON OSCEOLA 3 NE	6.79 - 1.45 .62 3.66	т_	-	-	-	1.56 - .31 1.74	- 22	-	<u> </u>	.06 .07	-	.03	1.05	- 65	-	-	-	.12 T	T T	-	<u>-</u>	•	-	-	-	-	т т	.41	.06	.5T	.08	-
OWE MS VILLE  OZARK  DZARK BEACH  PACIFIC  PALMYRA	2.56	.18				1.03 .64 .26 .65	.03 T		т	† *01 †	т	10 T .04	.06 .T5 .02	.11 .30 .52 .25		-06		т	.10 T	.10 T	T		Т					.05	• T3	.35 1.25 1.17 .57 .13	.45 T T .11	
PARIS PARMA PERRYVILLE PIERCE CITY PLEASANT MILL	2.09 6.19 6.15 4.91 1.58	.15				.34 1.49 1.15 .60 .25	.04		*06 T	T .01		т	1.02 .51 .T5	.36 .73 .20 T		т		. 02 T	.02 .04	.05							T	.61 .TO	1.34	1.15	.69 .19 .15 .02	
POLO POPLAR BLUFF PORTAGEVILLE PRINCETON PUALCO OULIN	.63 6.06 6.09 .22 T.33	.04			* 43 T	T 1.9T 1.05	.10		.12 .02	.02 .02 T		.04	.95 1.19 .80	.60		т		T .04	T +01 T	т							.05	.05 .0T .88	1.55 1.64 .10 1.71	1.05	.01	Т
ROLLA SCHOOL OF MINES  ROUND SPRING	5.89 4.84 4.08 5.09 3.1T	.08				1.46 .87 1.60 2.00 1.52	.04		'	.03 T		.10		.22 .40 .5T .42 .12				т	т	.04 T								.60 T	1.00	1.02	.03 .12 .01 .12	
SAINT CHARLES SAINT JOSEPH +6 AP R SAINT LOUIS +8 AP R SAINT LOUIS +8 CITY R SAINT LOUIS + WE CITY R	1.38 .38 1.00 2.2T	т			.22 .01 T	†11	1.56		.03	T .01 T	т	.06			ŢŢ	-01 T	.01 T	.01 .02 .04 .01	.03 T .05 .03	.03 T		T	Ť		į	Т	T T •04	.01 .10 .24 .30	. 26 T . 16 . 24		.18	
SAINT LOUIS GASH UN! SALEN SALISGURY SAVERTON L AND 0 22 SEDALIA	2.3T 5.34 2.28 1.36	.16				.23 1.30 .43 .07	.29			T .03		.01 .04	.10	.05		T •03		.10 T.01	T .01	.13 .17			·				.08	.32	1.13	.66 .62 1.30	.10 .43	
SELIGMAN SEYMOUR & NOVE SMELBINA SMELBINA SHELDOVILLE SIAESTON	5.55 4.34 1.45 .08	т					1.41	T	T T	T .12		Ţ ,01	.74 .30 T	.15 T		т		Ţ	100 1.05 T	T T	т						Ť	.21 .61	1.26	.32	.56 T .52	
SIKESTON CROP EAP FARM SILOAM SPRINGS SPRINGFIELO 08 AP R// STEELVILLE 2 N STEFFENVILLE	T.20 6.15 5.32 3.23	.05			-14	2.40 1.10 1.25 1.18	.08		111 T		.03		1.10 .8T	.31		T		. 01 T	.02 .07 T	T	·							1.02	2.00	.52	.03	
STOVER SULLIVAN 5 E SUMMERSVILLE SUMMER 2 SO SWEET SPRINGS	2.86 4.05 4.66 1.31 2.TT	.13 T			,	1.06 1.70 1.61 .42	.03			.13 T	T	.03 T	.25 .6T	.26 .31 T				.06	T T	.03	т						. 05 T	.T1 T	.30 .62 1.16 .17	.60 1.00	.35 .28 .03	
TARKIO TECUMSEM 2 N TUPAZ 4 NE TRENTON TROV	6.44				T	.20 .T2 1.05 .2T		T	.06	.10	т	.02 .00 T	1.38	.63 1.00		.02		Ť	.04	.02	т							. 06	1. 8T 1. 55 1. 55	1.60	T .35	
UNION 1 SE UNIONVILLE VALLEY PARA VAN BUREN 1 S VANOALIA	2.00 .40 2.77 6.76	.12				.59 .52 1.TT	.03		.06	.03	т	.03	.30	.10		T .05		T 03	.01 T.08	.05							.03		.26 .06 .48 1.40	.43 .88 1.44	.10	
VANZANT 4 SE VERSAILLES VICMV CAA AP 0ACO WAPPAPELLO GAM	3.32 3.34 3.86 6.82	.02			.03	1.29 1.79 .56	.06		.02	T .02		.10	.36				т	,01 ,01	T .09	T								1.01 .31 .82	.16 1.08	.98	.03	Т
ARREMSBURG CENT T COL WARRENTON 1 N WARSAW MO 1 WARSAW MO 2 WASOLA	2.98	.01 .02 T				.24 .25 1.17 .00			.02	.01 T		.05 .03 T		.37	.01	.01	т	T T	*01 T			·						.60 .14 .56 .T2	.16 .28 .80 .42	.35 .80	.31	Т
WAVERLY .  OAYNESVILLE 2 W  OESTER GROVES  WEINGARTEN  OEST PLAINS	1.54 4.50 1.21 3.93 5.90				.05	2.80 T .T5			.06 T			.05	.52	T			т	.05 T .04	.07 .04	.02							.48	.40 .18 .08 .70	.26 .80	.TO .35 .63	.45	
WILLIAMSVILLE HILLOW SPRINGS WINDSOR 3 NO ZALMA 5 E	8.44 5.34 2.01 T.65	.08 T				2.29 1.35 .58 2.82	.04		т	.05		*07 T	1.32	. 55				Ť	Ť Ť Ť	т								. OT	2.15	1.03	.04 .11 .80 .02	

Table 5									ע	AI	LI		7 [A]	.Pc	,n.	71 (	UK	<u> </u>												0	DECEM	BER	1954
Station															r	Day	Of 1	Mont	ь														rage
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Are
AOVANCE 5 ESE	MAX	52 34	43	59 19	<b>6</b> 2 25	52 32	40 25	38 19	48 28	48 34	48 22	46 35	45 32	35 32	43 25	45 37		49 32	38 31	33 25	35 20	44	43 28	63 25	52 26	54 22	57 30	53		45 32	43	51	47.4 28.5
ALBANY	MAX	40 32	40		49	45 28	37 17	34 26	40 20	35 27	46 12	53 33	41	27 16	48 20	46	47 32	39 28	34 27	45 20	52 24	40	40 29	52 32	46	59 29		41	43 20	28 15	40	42	43.3
AMITY	MAX	39 32	41 27	5 <b>6</b> 25	50 33	46 28	36 17	33 26	39 21	38 26	46 19	54 34	42	29 17	48 20	46	49	40 21	34 25	36 17	52 25	46 26	44 28	54 33	46	60	57 41	42	34 20	29 17	37 16	41	43.4
ANDERSON 1 SW	MAX	49	50 17	64	64 24	58 36	46 16	48 21	52 29	46 18	54 14	59 42	45 30	31 24	41 18	49	59 25	45 28	38	38	55 18	56 18	61	61	65	64	63	59 49	53	33	40	52	51.5
APPLETON CITY	MAX MIN	46 32	45	59	55 32	54 35	39 24	38 28	43	4 <b>6</b> 29	51 22	58 40	48	3 0 23	40 22	48	58	46	35 28	37	56 24	41	54 28	57	48	64	63	56	40 28	31 23	38	45	47.4
ARCAOIA	MAX	49	45	58	63 25	57 24	55 27	39 16	45 28	47	49	44 36	43	35 29	43	45 32	44 21	43	33	32	40	43	39 29	60	62	54 23	60	60	53 32	36 29	43	55	47.5 27.7
8ETHANY	MAX	40	36	56	50	46	37	39 24	39	34	44	54	46	30	46	42	47	40	32	41 20	50 24	- 1	41 30	52	45	57 30	55	41	34 20	27 16	41	42	42.8
BIRCH TREE	MAX MIN	4 <b>6</b> 39	46	60	60	55 36	48	38 18	43	46	51 15	43	40	35 27	45	45	45	45	38	43	50	55 19	50 23	60	54 18	55	62 39	60	50	35 26	43	55	48.4
BLACK 6 NW	MAX MIN	49	47	59	61 23	58 35	40	40	42 26	44	52	48	44	35 29	45 25	45	45	44	33	32	46 15	46	44	61	55	54	63	54	54	35 28	45 15	56	47.6 26.1
BOLIVAR	MAX MIN	46 36	45	58	58	57 36	39	39	44	44	49	53	43	28 23	41	45	55	52	34	33	52 28	46	55	59	49	59	63		50	32	38	49	47.5
800NVILLE WATERWORKS	MAX MIN	43	39	40	50 27	54 34	37	34	37 26	38	40	49	49	35 16	33 16	39	41 27	53 29	32	31	29 23	50	33	45	55	44	57	64	53 28	32 25	27 10	38	42.0
BROOKFIELD	MAX MIN	40 33	40	57	55 28	47	42	38 26	38	38	46	54	48	39 17	42 22	43	53	48	35	33	53	48	41	55	56	61	60	62	44 27	30	32	42	45 · 8 25 · 3
8RUNSW1CK	MAX MIN	41 34	39	52	54	50 32	37	38	39	40	49	54	48	36 17	42 22	43	53	45 29	34	30	51 24	43	44	56	49	60	65	60	40	32 23	32	42	45.1
BUTLER	MAX MIN	46	43	58	56	53 35	40	38 29	43	45	50	57	54	30	48	47	55	52 30	36	39	54	53	50 27	58	48	64	63	61	40	31 23	33	41	47.9
BUTLER CAA AP	MAX	42 28	44	60	53	47 28	37	37	43	46	48	56	43	25 22	48	48	56	38 30	36	39	56	35	51	58	- 1	64	63	50	35	28	32	40	
CALIFORNIA	MAX MIN	42	44	55	56	53 32	36	39 25	40 29	43	50	50	47	38 18		44	54	45	33	29	50	46	48	57	51	59	65	63	49	49 24	41		47.4
CAMBENTON	MAX MIN	46	46	59	61 27	57 30	40	40 17	45 23	44	54	49	46	35 15	45	45	50	48 24	34	30	51	50	50	59	53	61 25	69	63	51	32	42	53	48.6
CANTON L AND U 20	MAX	39	36	52	53	46 32	37 20	37	35 19	35	38	50	46	38 21	34	38	40	38	31	30	40	39	35	52	44	46	55	53	41	31 25	32		40.6
CAPE GIRARDEAU MO ST	MAX	50	42	50	59	54	38	39	45	47	46	44	44	34	42	45	44 28	48	37	32	35	44	41	61	55	53	57	54	57	45	42	51	46.3
CAPLINGER MILLS	MAX MIN	47	47	61	58 30	58	40	40	44	46	50	52	48	32 24		44	49		37	7 37	54	43	56	59	59	63	65	60	48	34	39	48	48.6
CARROLLTON	MAX MIN	42	39	50	53		35 21	35	40	39	49	54	42	33 17	45	43	52	41	34	33	50	41	44	55	44	60	62	60	39	30	29		43.8 25.2
CARTHAGE	MAX MIN	52 38	47	60	59	57	41	42	45	46	52	57	48	3 0 23	43	49	59	52	38	B 37	55	49	60	60	53	65	60	59	51	32	41		50.0
CARUTHERSVILLE	MAX MIN	57	53	54	65	60		43	53	55	51	49	47	47 33	44	51	50 26	55	42	2 37	40	50	50	67	63	60	65	62	60	51 37	. 47	50	52·2 32·1
CHARLESTON	MAX	54	43	51	63	54	40	40	49	51	47	46	44	38 34	44	47	48	52	39	9 32	38	47	44	63	49	55	60	5.5	59		3 45	51	48.3
CHILLICOTHE RADIO KCHI	MAX	41 33	40	55	51	47	46	41	42	38	48	56	49	35 13	48	45	54	46	34	4 33	55	47	43	56		59	62	60	38	34	. 37	38	
CLEARWATER DAM	MAX	49	46	5 5 7	62	58	40	40	45	4.8	51	48	44	35	43	51	47	47	35	5 33	42	47	47	7 60	59	55	5 59	5.5	5 55	39	46	55	48.3
CLINTON 1 NNW	MAX	47		3 44	58	54	40	38	38	42	45		52	32	38 22	43	48	58	36	6 31	39	9 54	34	50	58	3							44.8
COLUMBIA W8 AP	MAX	41 33	. 40	53	55		36	39	38	41	48	48	. 44	38	39	42	53	41	. 31	1 29	49		43		46	5 58				30	38		43.7
CONCEPTION	MAX MIN	44 31	41	5 3	55	46	37	36	35	36	45	50	42	32	47	47	45	44	35	5 35	49	50	42	2 52	48	64	4 60	41	33	35	38	43	43.9
CRYSTAL CITY 1 N	MAX MIN	47	42	2 57	65	51	35	38		45	48	48	44	35	45	42	42	43	30	0 32	2 36	5 44		57 26	46	5 55	5 <b>6</b> 6	60	50	38	3 44	56	46.2
DONIPHAN	MAX	58	3 46	5 57	64	55	42	41	50	51	54	46	42	41	47		. 48	48	3 42	2 38	3 3 5	39	50	57	51	56	6 59	54	57	41	1 37	55	48.8
EDGERTON	MAX	41	43	3 57	49	49	38	36	42	44	50	57	36	27	51	48	50	40			56		7 47	7 58		63	3 60	48	36	32	2 38	42	45.4
ELOON	MAX	43		5 58	57	53	37	39	43	44	50	) 49	45	35	45	44	53	44	32	2 31	52	2 43	50	53	48	5 9	9 66	62	2 48	38		48	46.9
ELSBERRY	MAX	42		35	53	52	40	35	39	38	38	3 45	53	38	35	43	40	42	2 35	5 30	32	2 39	35	5 40	57	7 49	9 54	. 70	53	34	4 33	40	42.2
FARMINGTON	MAX	48	3 44	÷ 57	64	60	35	39	46	5 46	5 49	44	- 1	34	43		39	42	2 32	2 31	39	40	39	9 59		5 3	3 60	53	3 50	37	7 40	54	45.5
FARMINGTUN CAA AP	MAX	47	7 43	3 57	63		35	39	46	43	48	3 44	38	32		41	42	41	33	3 31	1 38	3 40	38	B 59	48	5 2	2 59	53	3 49	37	7 45	53	44.
FAYETTE	MAX	40	_	0 54	53	3 49	35	39	39	41	48	3 50	47	38	. 39	44	54	43	3 33	3 29	9 53	3 42	2 44	4 56	5 45	5 58	8 64	61	1 46	32	2 35	44	45.
FOUNTAIN GROVE WILDLIFE	MAX	41	1 39	9 53	5 5 2	2 48	40	36	39	39			52	36	43	45	5 53	40	28	8 33	3 52	2 51	1 42	2 55	5 51	1 59	9 60	55	5 40	38		38	44.
FULTON 4 SM	MAX MIN	43	3 41	1 40	53	3 59	39	37	7 39	38		L 48	49	41	. 36	39	41		3 32	2 31		9 46	6 33	3 42	2 55	5 46	6 58	68	8 54	32	2 31	35	42.5
		A			4			1			4						1 20	30	-	4 67			1			1			1			~~	4

Table 5-Continued					_				<i>D</i> .	AI.	LI	11					UII.													DE	ECEM8	BER	
Station							I								I	Day	Of 1	Mont	th			-											erage
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Av
GRANT CITY	MAX		38 25	54 22	50 30	45	35	35 25	36 20	34	12	55 26	30 22	27 18	46 20	43	43 32	38 26	20	36	50 32	42 27	20	32	33	58 33	55 35	38 30	30 20	28 13		20	41.0
GREENVILLE 4 NNW	MAX	52 35	46 35	58 19	63 25	55 38	39	41 10	48 24	36	52 18	46 36	45 33	35 32	52 28	48 30	47 21	47 34	37	36 28	41 15	49	44 26	64 22	51	56 19	59 31	54	54 35	35 32	47 20	55 27	48 • 5 27 • 6
HAMILTON	MAX	39	42	55 24	51 33	44	37	33 25	40	39	47 18	55 35	38	31 17	47 21	46	50 31	35 26	33 25	35 18	54 24	34	46 29	55 31	45	60 28	59 43	43	31 22	29 18	41 14	42 17	43.1 25.0
HANNIBAL HATERHURKS	MAX	32	33	50 23	54 33	42	33	36 23	34 25	34	39 17	50 35	43	36 24	37 21	3 7 2 8	40 26	38	30 24	29 20	40 18	33	37 29	52 33	43	51 29	61	54 36	3 7 25	30 21	34 10	45	40.4 25.7
HARRISONVILLE	MAX																																
HERMITAGE	MAX	47	46	60	59 20	56 30	42	40	44	45	51 12	46 32	52	33	43	49	54 19	47 27	35 23	34 18	54 19	46	53 24	60 21	50 11	61 19	63	59	49 26	35	41	49	48.5 21.5
HOUSTON	MAX	42	49	60	55	61	41	38 19	47 27	45	51	52 19	41	35 25	42 18	44	47 25	43	34	31	48 19	47 17	47 27	59 33	54	5 6 22	64	59 47	51 30	33 24	43 11	47	47.3 26.5
JACKSON	MAX	51	54	53	60	54 37	38	43	44	48	49	45	44	35 32	45 29	45	45 26	47 35	37	33 26	35 20	47	43	62 29	55	5 4 2 1	56 38	53 46	56 34	44	44	53	47.5 29.8
JEFF CITY RADIO KNOS	MAX	42	43	56	55	52	37	40	41 26	44	50	49	47	38	43	42	53	45	33	30	49	40	44	57 34	48	59 28	69 47	60	50	33	34 12	48	46.2
JOPLIN CAA AP	MAX	49	44	59	60	53 32	40	43	47	45	51	57	42	29	42	48	56	39	37	37	53	49	56 24	60	52	64	61	58	38	31	39	49	48.0
KANSAS CITY #8 AP	MAX	42	44	57	52	45 30	38	38	41	45	51 24	57 37	37	28	50 24	49	51 32	38	36	39	55 28	35	52	56 36	49	64	63	45	32	32	37	43	45.2
K C GREEN HAVEN HEST	MAX	44	44	58	50	49	37	36	42	44 28	49	59	46	29	50	48	52	39	35	38	55	36	49	54	47	62	60	53	36 25	31 23	36	41	45.5
KANSAS CITY UNI OF K C	MAX	44	27 45	57	25 52	32	38	37	20	45	50	37 58	48	19	50	49	53	28	37	38	26 56	47	52	28	48	63	63	56	38	29	36	42	25.7
KENNETT RADIO KBOA	MAX	34	26 52	55	67	33	41	28	54	28	50	39 49	45	17	21 45	50	36 49	47	41	21 37	28 39	47	26 49	37 66	61	36 58	52 64	60	25 59	38	12	49	28.0
KIRKSVILLE RADIO KIRX	MIN	36	34	53	28	30 46	33	23	31	34	25 42	37 53	38	31	38	32	25	37	-28	28	19	37	25 36	51	43	24 54	37 58	57	38	34 26	33	33	30 • 7 40 • 8
KIRKSVILLE CAA AP	MIN	36	33	21 54	30 56	40	32	36	35	35	13 43	35 53	35	15 39	37	37	21	28	25	21	17 45	31	28	32 51	43	29	60	35 40	25 31	20	7	38	39.5
KOSHKONONG	MIN	29	50	56	30 59	22 59	15	24	20	47	12	32 48	19 39	16	18 45	24 45	24	26	23	16	15 48	53	27 52	29 60	60	27 55	38 55	55	20 52	10	0	11	21.5
LAKESIOE	MIN	42	29	25	36 59	38 59	23	23	28	33	24	36 53	32 50	28	23	30	30 48	32 51	28	26 32	33	29	26 43	33 50	60	28	60	46 68	33 55	27 35	19 30	30 43	29.9
LAMAR	MIN	37	32	22	53	29 57	23	23	26	36	19	19	37 54	21	21	24	23	33 53	30	25	19	24	27	27	19	20	35	5 1 62	33 52	30	6	6	25 • 8
LATHROP 3 Sw	MIN	34	20	20 56	31	35 45	37	25 35	26 41	27	23	27 56	3 4 4 5	23	23 45	26	51	31	30	19	55	27	26 41	26 55	21 55	22 61	35 58	45	30	23	10	15	26.0
LEBANON 1 ENE	MIN	30	24	22		30	17	23	22	22	16	47	20	14	18	22	29	24	33	17	23	25	25	27	32	34	40	30	20	16	18	24	23.9
LEXINGTON	MIN	36	27	28	37 52	52	23	23	28	31	24	38	20	22	21	28	30	28	26	22	21	28	25	38	22	31	36	49	29	23	15	29	28.1
LICKING 4 N	MIN	33	29	29	32	32	21	22	38	27	24	25	28	17 39	19	24	26	29	28	20	23	28	28	29	25	25	35	41	26	23	13	15	25.8
LOCK #DOD	MIN	31	30	24	28	35	24	21	22	33	19	24	38	25	18	23	26	32		31 24	29 17	24	25	26	58 21	26	55 32	48	55 34	35	6	36 19	26.3
	MAX	37	22	58 28		37	24	25	31	28	28	56 40	28	29	22	26	58 31	30	29	39 20	54 29	30	57 25	59 35	51 24	33	62 50	58 47	50 28	23	15	30	48.8
LOUISIANA STARKS NUR	MAX	34	37	20	57 27	50 35	20	38 25	35 25	37	17	33	31	27	38 24	39	1	41 31	32 28	23	15	38	36 30	50 25	29	52 29	66 42	62 47	48 30	33 28	35 5	17	43.1 27.0
MACON	MAX	39	37 29	33 22	52 26	56 29	17	32 18	37 22	36 22	35 17	16	28	29 18	38 18	23	26	46 31		31 22	29 19	45 26	31 29	29	* 54 23	23	56 33	62 40	46 26	31 22	28	37 11	40.2 23.6
MALUEN CAA AP	MIN	36	45 29	55 25	62 31	56 31	27	22	53 31	34	50 26	46 38	35	36 31	45 26	5 0 2 8	51 26	52 34	40 31	37 23	38	46 23	46 23	66 29	47 25	58 23	61 38	58 47	59 35	45 32	45 27	51 34	49.1
MARBLE HILL	MAX					59 37					50 15	46 35	45 33	35 31	45 23	47 27	45 18	47 35	3 8 3 0	36 27	37 14	45 17	45 27	65 20	53 22	54 16	56 32	55 46	53 33	43 31	20	53 30	48.4 26.1
MARSHALL	MAX																																
MARSHFIELO	MAX	47 37	46 27	57 27	59 31	55 35	37 24	37 24	45 30	4 0 3 0	49 21	46 38	41 29	29 22	43 22	41 27	49 30	46 29	32 26	30 21	47 22	49 27	50 27	56 3 <b>5</b>	51 24	55 34	63 47	58 48			37 10		45.9 28.6
MARYVILLE	MAX		41 25			43 26			33 20			48 33			47 19			36 27	30 25	35 18	50 21	39 26	42 26	52 32			52 37				38 12		
MEMPHIS	MAX	38 30	28	32 21		52 23	42 15	35 15	40 22	3 7 2 4	31 14	41 14	53 26	30 18	40 18	3 6 2 2	37 25	44 28			31 17	42	32	40 28			52 32	55 37	40 25	30 20	26 7	34 15	39.6 22.0
ME X I CO	MAX	41 33	3 9 3 0		53 28	58 33	39 21	35 22	39 25	36 30	39 18		48 34	36 22	38 22	37 24		52 31	3 2 2 7		31 19	46 24		40 30	56 24	46 24	57 30	64 49	54 29	33 28	30 9		42.0 25.9
MOBERLY RADIO KNCH	MAX		36 29			48 29			37 25			51 31	48		37 20			38 28	32 27	28 23	48	36 24	42 28	55 34	44	57 28	63 46		42		37 4		43.5 25.3
MONETT	MAX MIN	51 38	49 21			58 38		43 21	50 31	4 6 2 8	52 19	52 41	50 28	3 0 2 4	42 21	43			36 31		53 26		57 24	61 32	51 25	63 33	63 51	62 49			40		
MOUNTAIN GROVE 2 N	MAX	47	45			57 36		38	46	44	48		41	32	43	42		43	32	32	48	53	47			55	61 42	57	51	42	39 14	52	46 • 8
MOUNT VERNON 3 SM	MAX	47	-	58	60		38	40	46	l	49	56	45			46	55	49		35	52	51 27	57	58 34		62	62	54	50	31	40	45	47.8
NEOSHO	MAX	52	47	61	61	58 38	44	46		47	52		49	30	50 22	50	58	53		39		53	61	60	55	65	61 54	60	53	33	40	53	51.5
NEVADA	MAX	48	46	59	55	54	40	40	45	47	49	58	52	29	44	50	57	49	36	39	57	5.0	57	60	50	66	63	60		31	40	48	
	MIN	35	23	29	35	31	25	28	30	28	26	40	29	22	23	21	33	31	32	20	21	28	21	35	23	35	21	45	29	23	•	23	24.3

Table 5-Continued											P1	1.	E-11V				OIL													0	ECEM	BER	1954
Station								ī								Day	Of	Mont	th T														erage.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	<u>*</u>
NEW FLORENCE	MAX MIN	40 29	38 30	52 23	60 33	49 31	35 21	36 22	39 26	38 31	45 17	48 36	30	37 26	39 21	39 30	48 27	39 29	31 27	29 22	43 15	3e 23	38 30	54 32	45 24	55 29	68 45	60 48	48 29	31 26	34 11	47	43.5
OREGON	MAX	41 28	43 25	58 25	48 35	46 28	37 20	37 27	36 25	42 24	45 22	50 32	33 24	27 17	49 20	46 26	44 33	38 27	36 25	35 18	55 25	43	48 26	53 23	46 23	61 36	58 38	38 31	31 19	33 17	3 ¥ 2 0	42	43.2
OZARK BEACH	MAX	52 36	52 23	50 21	63 22	62 28	49	45 20	43 23	56 30	49 18	55 21	50 38	43 27	37 20	51 24	52 22	61 28	40	37 21	42	59	61 22	53 23	63	6 0 20	61 36	67 50	56 36	38 29	30 13	45	51.0
PERRYVILLE	MAX MIN	50 37	43	56 22	63 26	55 35	38 25	39 21	42 27	48	50 19	46 36	45 32	34 30	43 24	44 34	43	44	35 30	32 25	38 20	42	39 30	54 23	50 26	61 28	58 38	54 45	52 32	43 31	44	53	46.4
POPLAR BLUFF	MAX MIN	48 38	5 8 3 6	47	55 27	64 48	55 28	40 22	40 28	48	51 21	52 37	46 37	45 33	37 25	45 31	5 2 2 2	49 38	42	40	40 18	40	48	28	23	55 20	57 32	58 46	54	35	43	45	48.4
PORTAGEVILLE	MAX	56 43	5 2 3 6	54 25	63	61 39	40	41 24	50 31	55 34	50 27	48 36	45 38	41 32	43 27	4 y 3 2	50 26	53 38	40	34 29	37 21	49	48 26	65 33	61	50 27	64 38	58	60 39	51 34	44	50	50.4 32.1
PRINCETON	MAX MIN	38 30	35 28	56 18	53 30	49 26	37	37 26	40	34 27	42	54 39	50 23	34 15	46	44	5 l 28	47 28	31	31 21	51 25	50	46 29	52 28	48 16	54 32	56 44	35	35 21	28 17	39	41	43.5
ROLLA SCHOOL OF MINES	MAX	44 33	46 31	45 27	59 37	62 35	40	38 26	40 28	45 33	44 25	51 32	46 36	37 25	37 23	45 27	43 27	48	33	30 24	29 20	46	41 29	50 31	68 27	46 31	57 38	67	57 32	34 29	34 15	39	45.2
SAINT CHARLES	MAX MIN	45 35	40 33	54 24	57 29	52 36	38 24	39 25	42 28	43	44	48 36	47	35 29	45 29	42 33	43 28	42 28	34	32 25	38 20	36 25	37 32	56 31	49 29	54 30	68 42	55 49	54 34	34 32	43	54 27	45.2 29.9
SAINT JOSEPH W8 AP	MAX MIN	38 29	44	57 22	50 28	42 26	37	36 27	38 22	42	48 19	54 34	34 19	28 19	49 22	48	47	39 28	34	36 20	54 24	31	48 28	54 29	46 19	63 35	55 40	40 25	30 20	31 14	39 11	42	43.0
SAINT LOUIS W8 AP	MAX MIN	41 34	36 28	52 26	57 36	48 31	36 25	39 25	42 27	38	44	48 38	44 32	33 31	43 32	38	42	41 30	32 27	28 22	36 20	34	38 31	55 36	47	53 31	67 44	5 5 4 9	50 32	36 28	43	53	43.5
SAINT LOUIS W8 CITY	MAX MIN	41	37 32	54 30	56 38	51 32	36 26	37 26	43 29	39	45 25	48 39	43	34 31	44 33	37 34	41 31	42 30	32	28 24	37 23	35 27	40 32	53 35	44 33	50 30	62 41	53	51 32	39 28	43	53	43.5 31.2
SAINT LOUIS UNIVERSITY	MAX MIN	41 38	3 8 3 3	53 29	56 37	52 34	34	36 26	43 28	40 32	44 25	48 37	45 34	34 31	44 33	40	42 31	39 32	33	30 24	36 23	34	39 31	54 35	47 32	5 1 32	62 43	54	51 32	38 30	40	53	43.6 31.6
SAINT LOUIS WASH UNI	MAX MIN	42 34	44 33	37 26	50 28	5 7 3 5	40	35 25	38 27	42	37 23	4 5 25	48 38	40 31	33 32	42	41 28	42 33	38	33 25	28 20	37 26	33 26	41	52 29	45 30	51 30	65	55 36	38 32	38	41	42.1 29.3
SALEM	MAX	44 31	46 30	46 21	58 24	59 35	40	39 17	40 23	45 31	44	52 22	46 38	39 25	33 24	43	44	45 32	35 29	31 23	31 16	47	45 27	47 31	59 22	48	55 32	65	58 38	3 8 26	33 14	40	45.0 26.1
SAL ISBURY	MAX MIN	39 33	38 30	51 22	54 29	48 31	34	40 25	37 24	40 31	48 18	52 40	46 26	37 16	39 21	41	53 26	42 29	32	34 23	48 22	42	43 29	58 33	46	57 29	63 47	60	41	31 24	37 7	45	44.4
SAVERTON L AND 0 22	MAX MIN	40 33	37 31	51	55 30	48 32	38	36 20	35 23	36 31	40	50 32	46 30	36 26	35 22	38 30	40	39 29	32 27	30 23	40 18	37	36 28	52 28	49	52 24	59 39	60 39	41	34 27	36 13	47	42.1
SEDAL1A	MAX MIN	44	43 29	51 28	54 33	53 36	36 21	37 26	40 29	43	50 21	53 40	50 29	36 16	40 23	45	55 34	48 28	34	32 22	51 26	47 26	48 28	56 34	50	65 33	64 50	62	43 28	31 22	39 10	47	46.7 28.6
SEL IGMAN	MAX MIN	50 37	49	60	61	59 35	41	45 20	51 29	45	50 27	52 40	42 28	29 24	40 19	47	57 35	52 30	35 28	37 18	56 25		58 30	58 38	- 1	64					16	52 33	49.6
SEYMOUR 4 NNE	MAX MIN	49	53 32	57 31	57 30	55 29	39	39 23	22	40	47 29	45 25	42 31	35 25	42 26	43	44	39 28	33	32 21	22	20	20	25	47 29	50 32	62 38	55 47	50 28	30	34 15	25	44.8
SHELBINA	MAX MIN	38 32	36 30	52 22	55 27	51 31	38	37 24	35 25	35	43 14	50 36	47	39 20	35 20	48	46 21	41 29	3 0 2 6	30 23	45 16	41	39 29	55 28	47	54 28	65	60	44 27	31 24	34	44	43.4
SIKESTON	MAX MIN	48 28	54 36	44	54 27	63 31	49	38 22	42 23	50 34	47 23	49 23	46	40 34	35 28	43	48	51 31	43 33	39 29	32 23	38	45 25	46 27	63 27	48 25	56 26	59 43	58 49	54 42	47 26	44	47.5 29.5
SIKESTON CROP EXP FARM	MAX MIN	53 38	45 34	51 23	59 28	54 39	39	40 22	48	51 32	46 23	45 34	43	37 32	41 27	46	47 26	50 36	3 8 3 0	33 25	35 20	44	43 24	61 29	51 <sup>1</sup>	54 23	57 36	53 48	58 36	48 33	41	50	47.1 29.8
SPRINGFIELO W8 AP	MAX MIN	46 27	45	57 27	57 35	53 28	38	39 24	44 30	41	47 25	49 39	39 27	28 24	40 22	44	56 35	35 30	33 25	33 18	51 27	48	55 24	57 34	47 26	58 32	63 45	53	41	32 18	35 10	48	45.5 27.8
STEFFENVILLE	MAX MIN	38 32	35 30	5 2 2 2	55 34	49 29	34 16	38 17	35 22	35 29	41 15	51 34	47	38 17	35 21	38	46 22	38 28	31 27	31 22	42	38	38 28	53 30	45	51 29	60 43	60	43 27	29 24	35 8	42	42.0
SWEET SPRINGS	MA X MIN	44	44	54	54 26	50 32	39	37 25	42	43	51 15	56 37	48	44	42 14	45	56 28	46 28	32 27	34 20	54 26	43	48 29	57 28	48	63 27	64 50	60	43 27	32 22	37 - 2	45	46.9
TARKIO	MAX MIN	39 28		57 19	48 28	43 25	37	36 28	35 18	39	43 17	46 30	33	28	44	45	43	39 24	37 16	36 18	53 22	40	50 26		46 16	5 9 32	54 36	37	27 17	31 10	37 10	43	42.0 21.7
TRENTON	MAX MIN	40	36 29	56	53	45 28	39	37	41	37	45	55 35	49	34	47 22	44	1		35 27		52 27	45	43	5,5 3,5	45	58	59		37		33	- 1	44.4
UNION 1 SE	MAX.	44	40	55 19	63 24	52 33	37 25	38	44 25	43	46 18	48 35	45	36 30	45 28	41	58	42	32	30	44	40	44	56 27	48 23	55 25	69 43	59 50	51 31	33 29	39 15	53	46.1 28.0
UN TONVILLE	MAX		37 27			52 26	38	32	38	40		44	53	25	33 15	42	34	46	3 0 2 6	28	29	44	30	38	49	42	53 32	49	37		25 13		38.2
VANOALIA	MAX MIN	41	36 30	49	54		35	38	35 22	36 28		49		35	39 24	37	43	39		34	43 21	42	38	54 33	43	53 29		61	51	32	32 10	45	42.7
VERSAILLES	MAX	44	46 25	51	58	53	49		.38	- 1	51 21		47 28		42 20				33 27		50			57 39	- 1	61	63 48	62	45 29	33 23	42	47	46.4
VICHY CAA AP	MAX MIN	44	43	58	60		37	40	45 27	43	49		41	37	44	43	48	43	32 23	29	48 18	40	48	57 34	46	57	67 45	54 48	50 27	33 19	38 11	50 28	45.6
WAPPAPELLO OAM	MAX MIN	47	53 35	60	54		42	38	39 27	50	48	49	45		35	44			40		35 19	37	46	46 28	63	48	54 29	56	56	53 33	41	45	47.1
#ARRENSBURG CENT T COL	MAX MIN	45	42	54	53	51 33	38	37	42	44	49	55	51	32	45	44	54	49	36	36	52 29	48	48	57 37	49	61		61	40	31	33	42	46.5
WARRENTON 1 N	MAX MIN	41		54	57	52 33	34	38	41	37	45	47	44	36	43	39	1		30		45	41	40	54 30	48			60	50	32	36	48	43.9
WARSAW NO 1	MAX MIN	46	47	58	58	54	43		42	46	53	57 38	50	37	43	47	57	44	37	35	54 25	47	53	59 29	54	63		62	46	33	43	50	49.2
WASOLA	MAX	52	48	- 1		54 33	43		48	- 1	50	59 33	40	34	47 18	47	55	52	34	38	53	58	50	60	54	60	62	- 1	51	34	43	57	50.0
MAYNESVILLE 2 M	MAX			62																								- 1				- 1	50.0
										1									- 1														

# DAILY TEMPERATURES

MISSOURI

Table 5-Continued															37.4	7.1	011	-													DECEM	BER	1954
Station																Day	Of	Mon	th														ege
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Aver
WEBSTER GROVES	MAX	41 34	38	53		52	35 24	36 23		45		47 36	42 31		48 29		39 26	41	32 27		37 16	34 23		54 30	48 27		66	57 46	50 30	19	42	53	44.4
WEINGARTEN	MAX	36	43 32	58 23		56 35	36 25	39 20		45 38			42 32		43 25	4 0 3 3		40 31	34 29		39 18	39 22		52 28	53 30			56 46		37 31		56 32	45.8
WEST PLAINS	MAX	53 32	48 23	60 21		53 29	42	38 20	48 24	47		4 3 3 7	39 31	35 23	47 21			46 28	36 28		50 19	56 23		62 27	50 19		61 33	53 47			46 17	55 24	
WILLOW SPRINGS	MAX	49 38	47 30	58 20		58 36	41 24			45 33		43 36	43	32 27	45 20			46 32	33	33 25	50 17	53 21		60 26	52 19		60 31					55 23	47.3 26.6
windsor 3 nw	MAX	43 32	42 27	56 23		52 33	36 22	38 27	41 28	4.4 3.2		54 40	48 28		42 23			45 28	35 27		52 26	45 27		57 33	46 26		61 49	60		30 23	36 5	43	

# EVAPORATION AND WIND

Sec. of															1	Day o	f mo	nth														
Station	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total or Avg.
LAKESIDE			.03	.03	.03	.05 75	.05	.06	.00	.06	.05	.05	.02					.00		.04				\07 48	.03		.11 97			68	37	1.20B 1976

Table 7

# SNOWFALL AND SNOW ON GROUND

																Day	of m	onth														
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
AMITY	SNOWFALL SN ON GND	Т						T		T	т				Т			1.5	T	Т	т	Т	т	Т					1.0	т	т	т
ANDERSON	SNOWFALL SN ON GNO																		0.2 T											5.5	1.0	2
BETHANY	SNOWFALL SN ON GND	Т								0.9	т							2.8	0.2	Т	т	Т	Т						2.0	1	1	Т
BIRCH TREE	SNOWFALL SN ON GND													1.0	т															Т		
BOLIVAR	SNOWFALL SN ON GND																	Т	0.8	T T									T	2.8	3	2
BUTLER CAA AP	SNOWFALL SN ON GNO																	T T	T				т							13.7	14	14
CAPE GIRAROEAU MO STATE	SNOWFALL SN ON GND												Т	Т					Т	т												
CASSVILLE	SNOWFALL SN ON GNO													0.9	т				0.5	T	т									2.5	2	Т
CENTERVILLE	SNOWFALL SN ON GND													T	т			Т	T											Т		
CHILLICOTHE K C H 1	SNOWFALL SN ON GND								T	T								T	T	т	Т							Т	Т	5.5	4	3
COLUMBIA WB AP	SNOWFALL SN ON GNO WTR EOUIV									Т			Т		Т			Т	0.2	T	Т		т						1	6.9 T	7	5
FARMINGTON	SNOWFALL SN ON GNO													1.0																	T	
GRANT CITY	SNOWFALL SN ON GND									-	_	_						1	1	1	1	т						- 2	1	1	т	т
GREGORY LANDING	SNOWFALL SN ON GND									т						Т		T	0.5	T T										Ť	4.5	4
HANNIBAL WTR WKS	SNOWFALL SN ON GNO								T	T					Т	0.2		T	1.0	T T										4.5	3	1
JEFFERSON CITY RADIO	SNOWFALL SN ON GNO																	T	T											6.1	4	3
JOPLIN CAA AP	SNOWFALL SN ON GND												Т	Т				Т	0.1 T										1.5	2.1	4	2
KANSAS CITY WB AP	SNOWFALL SN ON GNO							т	т				т	Т			Т	T	T									Т	Ţ	T	т	
KIRKSVILLE CAA AP	SNOWFALL SN ON GND								Т	T T					Т			0:1 T	1.0	T 1									T T	7.8	8	8

Contract																Day	of m	onth												,		
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
LAKESIOE	SNOWFALL SN ON GNO																		0.2	Т										2.0	3.0	3
LAMAR	SNOWFALL SN ON GNO																		Т											7.5	1.0	-
LEXINGTON	SNOWFALL SN ON GNO														Т			Ţ	Т	Т	Т									T	4.5	5
LICKING	SNOWFALL SN ON GNO													2.0	1	T	т		T	T	Т									1.0	0.5	1
LOUISIANA	SNOWFALL SN ON GNO									T T									0.3 T	0.3	Т									T	3.0	2
LUCERNE	SNOWFALL SN ON GND									0.5						0.7		0.5	T	Т	т								0.8	T 1	0.2	1
MALOEN CAA AP	SNOWFALL SN ON GNO																		Т													
MEXICO	SNOWFALL SN ON GNO																		0.3												7.0	5
MOUNTAIN GROVE	SNOWFALL SN ON GNO													3.0	2	1	1	Т	Т	Т	Т									2.0	2	1
NEW FLORENCE	SNOWFALL SN ON GNO									Т						Т		T	Т	т	Т	T	Т							6.0	) T 5	1
OREGON	SNOWFALL SN ON GNO									T					ļ			1.0	Т	Т	Т								1.	T	Т	
ST JOSEPH WB AP	SNOWFALL SN ON GNO								Т					Т			0.4	1.8	T	Т								1.	2 T	1	Т	T
ST LOUIS WB AP	SNOWFALL SN ON GNO								Т	T				Т	Т	Т		Т	T	T	Т	Т								T	Т	
ST LOUIS WB CITY	SNOWFALL SN ON GNO	,								Т				Т	Т	Т		0.3	0 . : T	0 . 3 T	T .									Т		
SALISBURY	SNOWFALL SN ON GNO									Т						Т		T	T	Т										10.		9
SHELBINA	SNOWFALL SN ON GNO									T						Т		Т	T	T	Т										5.	0 4
SIKESTON	SNOWFALL SN ON GNO												Т						Т	T	Т											
SPRINGFIELO WB AP	SNOWFALL SN ON GNO WTR EQUIV											Т	1.	T	Т			0.	0.	9 1	Т								0.	2 2 0 .	1 3	
SULLIVAN	SNOWFALL SN ON GNI													Т					Т	7											1.	-1
SWEET SPRINGS	SNOWFALL SN ON GNO																	1.	1.	Т										16.		10
TARK10	SNOWFALL SN ON GNO							Т	1.0	T								Т										T	1;	1 1	.   1	т
TROY	SNOWFALL SN ON GNO										T					T			T	Ţ	T									0.	5 4.	9
VICHY CAA AP	SNOWFALL SN ON GNO												Т					Т	1. T	0 T	1								1	r   4.	0 2	2 1
WAPPAPELLO OAM	SNOWFALL SN ON GNO													Т				Т	Т	Т												
WARSAW NO 1	SNOWFALL SN ON GNO																													3.	3 .	
WAYNESVILLE	SNOWFALL SN ON GNO												т						3.	0 1.	0									6.		2 т
WEST PLAINS	SNOWFALL SN ON GNO											Т	T					T	Т											1		
WINOSOR	SNOWFALL SN ON GNO																	Ţ	T	T										2.	0 6.	, o e

## TABLE 2

				Ten	npera	ture										P	recip	itation					
				-					10	N	o. of	Day	/S		'a	<b>*</b>		Snow,	Sleet, I	fail	No.	of Da	ays
Station	Average	Average	Average	Departure From Normal	Highest	Date	Lowest	Date	Degree Days	Above W	32° or XI	5 R	in.	Total	Departure From Normal	Greatest Day	Date	Total	Max. Depth on Ground	Date	.10 or Mare <sup>®</sup>	.50 or More	or More
JUNE 1954																							
NORTHERN DIVISION HAMILION	87.3	65.5	76.4	4.6	101	26	46	4	20	15	0	0	0	3.43	-1.54	1.66	9	.0	0		5	2	2
AUGUST 1954																							
SOUTHEASTERN DIVISION HOUSTON	95.4	67.0	61.2	4.3	106	29	56	10-		24	0	0	0	1.56	-2.12	0.60	1	.0	0		4	1	0
SEPTEMBER 1954																							
NORTHERN DIVISION KANSAS CITY GREEN HAVEN WEST	88.0	56.7	72.4		102	2	35	22	28	15	0	0	0	0.91		0.46	9	.0	0		3	0	0
SOUTHWESTERN DIVISION CALIFORNIA SEYMOUR 4 NNE	89.4 92.8M	61.4 66.1M	75.4 79.5M	10.7	104 107	4 5	47	22	8	15 17	0 0	0	0	3.19 1.98	-3.04	2.18	20 21	.0	0		3	2 2	1
OCTDBER 1954										*													
CALIFORNIA	68.6	46.7M	58.7M		91	3	30	30	274	1	0	2	0	5.23		2.19	11	.0	0		7	3	2

# DAILY PRECIPITATION

Toble 3		_																														
	79													Da	y of m	onth																
Station	Total	I	2	3	4	5	6	7	6	9	IO	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
JUNE 1954 HAMILTON	3.43		1.01	.03						1.68			.05	.18		.10		.08					.30									
AUGUST 1954 CALIFORNIA HOUSTON	1.56	.60	.30	-	-	-	_ T	-	.09	, -	-	~	-	-	-	-	-	-		.32	.22			.28				т	.24		.02	
SEPTEMBER 1954 CALIFORNIA K. C. GREEN HAVEN WEST SEYMOUR 4 NNE	3.19 .91 1.98						•	7		T .46										Т	2.18 T	1.00				т			.09 T	.36 .19 .13	.56 .26 .85	
OCTOBER 1954 CALIFORNIA	5.23		.10		.12	.04	т					2.19	1.14		.87							.09	.03			.05	. 31	.06	. 23			

# DAILY TEMPERATURES

Table 5									L	/ X X 1				41 .		7 7 1	01	LLL	,														
g																Day	Of	Mon	ath														age
Station		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Ален
JUNE 1954 HAMILTON	MAX MIN	71 56	67 52	65 51	71 46	75 53	81 63	78 70	82 58	88 60	88 69	90 69	89 69	89 65	92 68	84 65	84 61	90 69	93 72	94 74	96 72	91 70	86 68	91 63	97 65	100 74	101 75	98 73	97 73	98 72	93 70		87.3 65.5
AUGUST 1954 CALIFORNIA	MAX MIN																		102	96 67	87 67	90 68	94 73	93 74	95 73	96 75	96 76	99 75	95 73	101 73	98 70	82 59	
HOUSTON	MAX MIN	85 64	89 64	98 61		100 74	80 70	92 68	85 65	91 65	99 56	89 62	90 56	101	102 75	105 75	104 73	105 72	104 74	96 66	85 66	90 69	95 71	95 70	96 68	96 72	99 70	102 70	96 71	106 66	97 64	85 56	95.4 67.0
SEPTEMBER 1954 CALIFORNIA	MAX MIN		101 69	101		103 75		94 73	87 59	86 65	80 54	81 52	85 54	92 52	87 69	85 52	100	96 69	93 62	97 72	91 57	73 52	73 47	78 49	80 51	88 53	86 59	91 63	93 66	84 62	79 65		89.4 61.4
K. C. GREEN HAVEN WEST	MAX MIN	95 51	102 64	100 65	100 74	98 61	99 59	89 65	86 51	82 61	78 52	75 45	87 52	90 65	84 58	84 49	97 58	95 63	94 64	96 65	92 60	65 49	77 35	83 38	88 55	74 60	91 48	92 46	92 62	87 66	68 59		88.0 56.7
SEYMOUR 4 NINE	MAX MIN		100 70	102 71	103	107 78	100	89 60	92 68	96 69			88	89	90 69	94 60	91 62	96 69	99 70	102 71	104 69	92	80	84	85 58	87 59	81 60	92 62	89 60	82 61	88		92.8 66.1
OCTOBER 1954 CALIFORNIA	MAX MIN	82 61	81 68	91 72	83 72	87 64	65 51	63 46	80 49	87 53	86	81 57	79 56	80 56	74 48	55 41	60 38	65 45	61 40	58 37	58 40	55 45	68 42	71 44	73 45	65 52	6 5 5 7	58 46	52 39	50 35	48 30	47 31	68.6 48.7

																			DECEMBER	1964
Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	on	Refer to tables	Station	Index No.	County	Drainage 1	Latitude	Longitude	Klevation	Observation time	Observes	Refe to table	
Advence 5 ESS Albeny Alton Amity Amsterdam	0051 0127 0143	6todderd Gentry Oragon Dawelh Batee	1 3 4 3 9 3	6 31	69 50 94 20 91 24 94 26 94 35	356 672 660 1620	5P 6P 5P	SP Hello Moroni 6P William J. Hutler 7A Sdne S. Bell 7A O. M. Colhour 61D S. A. Kerehner	2 2 5 C 3 2 5 C 2 2 6 7 C	Zoehkonong Le Relle Lakeeida Lamer Lampe Foraet Servica	4627 4694 4705	Oragoe Lewie Miller Barton Stone	6 8 5	36 36 40 07 36 13 27 30 39 34	91 36 61 56 92 37 94 16 92 26	85E 596 960	7A 7A	A Genaviave 7. Emith A James M. Finkbeck A W. E. Fram A M. Aull Van Mofftae A Orley F. Scott	2 3 5 3 2 3 5 9 2 3 8 3	7 C
Andsreon 1 6W Annepolis 7 6W Appleton City Arcedle Ashton 1 W	0179 0204 0224 0312	McGonald lron 8t. Cleir lroo Clerk	5 4	6 38 7 20 6 12 7 25 10 37	94 27 90 47 94 02 90 27 91 49	1000 600 926	6P 5P	7A Ruth C. Rawkine 7A Opal O. Sutter 6P 7. Paul Sye 7A Arcedie College 61D Olen A. Woodruff	2 2 6 7 3 2 2 6 C 2 3 5	Lampe 4 NNE Lathrop 3 GW Lehenon 1 EMS Lees Summit 1 M Laxington	4773 4625 4646 4904	6tone Clieton Laclede Jackeon Lafeyatte	4 8 7 7	26 36 36 21 37 41 38 69 38 11		566	7A	D Mrm. A. O. Rogere SP. Cacil F. Haye FA Erodie D. Sarsett ID Beejamie F. Smith FA William M. Cullon	2 3 5 2 3 6 2 3 5	C C C
Auxveeee Ava Manger Stetion Bedford 1 6 Belleviaw Barnia	0366 0503 0536 0595	Cellewey Dougles Livingston 1ron 6toddard	12 3 4 3 6 3 10 3	7 41	91 54 92 40 82 22 90 41 58 58	1060		7P C. B. Hook 6A U.6. Forest Service 4ID Serry 5. Stephens 7A Beulah M. Alexander 7A Barold M. Summere	3 3 C 3 C	Licking 4 M Linneus 2 B Livonis Lockwood Louisiens Starks Mur.	4976 5014 5027 5093	Texae Linn Putnam Dade Pika	4 2 9 5	27 22 39 80 40 39 27 23 38 26	81 03	1277 k25 1079 469	6P 6P	A Robert O. Damson 3P Merle Wade ID Mrs. Icel M. Tada 7A Rubert A. Kiemae 5P Stark Bros. Rureary		7 C C
Betheny Birch Tree Slack 6 NW Bloomfield Bollvar	0668 0596 0726 0759	Barrieco 6hannon 1ron 6toddard Polk	9 2	7 37	94 02 91 30 90 59 89 58 93 25	916 1000 1000 440 1071	6p 6p 7p 5p	7A Carl W. Sleughter 7A Mildred S. Catlett 7P Otto Goggin 7A Georga 9. Long 6P 8W Septiet Collage	2 3 5 7 3 2 5 7 2 3 5 3 2 3 5 7 C	Louisiane Lucerne Mecedonie Lookout Macon Madison	5121 6164 5175 5183	Pike Putnam Sipley Macon Monroe	4 1 2 5	29 27 40 27 26 45 36 45 39 26	91 04 93 16 90 54 92 26 82 12	-	7A	7A George A. Garner PAD. A. Srowwieg SP Roy C. Bobieett 7A John W. Atwall EA Snow Wood	3 2 3 2 3 5 3	7 7 c 7 c
Boonvilln Water Works Bowling Green Bradleyville Brookfield Brunewick	0855 0878 0960 1037	Cooper Pike Taney Linn Cheritoo	12 2 4 3 4 3	6 58 8 21 8 47 9 47 18 26	82 45 91 12 92 55 93 05 93 08	650 - 767 652	7A 5P 7A	7A Boonvilla Wethr Dop 8A Virgil Cook 7A CLOBED	3 2 5 2 12/31/54 2 3 5 2 3 5	Malden CAA AP Melden 2 M Manmfield Merhla Bill Merehall	5207 6237 5252 5296	Dunklin Dunklin Wright Gollinger Seline	10 12 6 7	36 36 36 26 37 06 27 16 39 07		295 - 440 775	6P 5P	ID 0.8. Clvil Aero Ada ID Arthur Mc Gill Ranry 0. Broev 7A eille B. Williame BP Mueicipal Utilities	2 3 5 3 3 5	7 c
Bunker Burlington Junction Butlar Butler CAA AP	1101 1141 1145 1147	Maynolde Hodewey Batee Betea	1 3 7 4 6 3 9 3	7 27 10 26 15 16 16 15	91 13 95 04 94 20 94 20	1380 648 870	BP W1D	6A L. H. Howerton 7A Ire T. Mellory 7A Ralph B. Fullar 5P Berley W. Johnson 4D U.S. Civil Aero Adm	3 3 3 2 3 5 2 3 5 7	Merebfleld Martineburg Meryville Meryville 7 NNW McCredie 2 W McCredie 8xp. 5tetloo	5219 5340 5245 5410	Wehetar Audreio Hodawey Hodewey Cellawey	7 7 7 7	37 20 38 06 40 21 40 25 36 36	82 54 91 39 94 52 94 53 91 56 81 54	1484 807 1169 1143	5 P	5P Sho-Ma Power Co. 5P Albert J. Aulbur 5P M. 6. Montgomery 1D Earl W. Trueblood ID Lelia H. Creig	2 3 5 3 2 3 5	000
Camdenton Centon Lock & Dam 20 Cep Au Grie Lock & Dam Cepe Oirardeau No State Cepe Girardeeu Caplinger Mille	1375 1283 1291 1296	Camden Lewie Lincoln C Oirerdsau C Girardneu Cedar	6 3 6 3	18 00 17 18 17 16	92 45 91 31 90 43 88 32 89 32 93 49	486 - 347	5p	4P Mc. Conserv. Comm. 7A Lockmester DlD U. 6. Engineers 5P Techera College 7A Lee L. Albert  5P Mrs. W. R. Gennewey	2 3 5 2 3 5 2 3 5 7 2 3 5 7	McCredle Bxp. Stelloo Mamphie Mprcer 5 MW Mexico Middletown 5 ME	5492 5519 5541 5565	Gcotland   Mercer   Audrain   Pike	6 6	36 57 40 27 40 33 39 10 39 10	92 10 92 38 91 53 81 22	767	7A	ID U.6. Soil Coneary. 7A Jobe W. Alexandar 7A Occar L. Martlay 7A D. M. Woode 7A Slotee M. Graham 7A Charlee S. Saith	2 2 5 3 2 3 5 3	7 c
Carrollton Carthege Caruthereville Caesville Ranger Ste. Cnpterville	1340 1358 1384 1363	Carroll Jeaper Pemiecot Berry	12 3	16 11	93 30 84 17 69 39 93 52	754 983 270	8P 6P 5P	P Berold E. Finley  A mintford C. Bell  A victor T. Melloure  Florence A. Karoe  A Corde Jane Berrinon	2 3 5 2 3 5 2 3 5 2 3 5 3 7 C	Miller 2 6E Moherly Radio ENCM Monett Source City	5594 5671 5700 5708	Lewrence Randolph Barry Booroe	10 6 8 5	37 11 39 24 36 55 39 38	93 46 92 26 93 55 91 44	1310	5P 8A	1D William A. Garoutte 5P Sadio Ste. KMCM 8A Senneth G. Meuear 55 J. S. Conway	2 3 5 2 3 5 3	CCC
Conterville Senger Sta. Centrelie Chadwick Charlaston Cbillicothe 2 6	1472 1462 1490 1540	9eynolds Boone Chrietien Wimeieeippl Livingston	16 3	19 12 18 55 18 68	90 57 90 57 82 08 83 03 88 21 63 33	771	80	A U.S. Forest Service SA U.S. Forest Service SA Eerl w. Seywour 7A Sylvie Fletchur SP Cherlmetoo Fire Dep 7A S. O. Duny	3 3 3	Morehouen Moselle Mountain Grove 2 9 Mount Vernon 3 69	5762 5616 5834 5681	Mew Madrid Syrenklin Wright Leerance	5 3 8	36 32 36 51 35 23 37 08 37 04 36 52	90 54 92 16	1453 1174	5p 6p	4P J. A. Spence 8A Fracet J. Yoeter 8A Mo Fruit Sxp Ste 6P Wm. 9. Sirchhoff 5P U.S. Fisheriem Ste.	3 3 2 3 5 2 3 5	7 C
Chillicothe 9adio 9CHI Clarkeville Lock & Dam Clearwethr Dam Clifton City Clintoo 1 NNW	1565 1640 1674 1704	Livingeton Pike Waynn Cooper Bnnry	4 5 6 5 1 5 7 5	18 46 19 22 17 07 18 45	63 33 60 55 80 47 83 02	848	68 4P	7A U. 3. Sngineere 7A U. 3. Sngineere 7A F. 6. Meedy 8A Loyd M. Millam	2 3 5 7 2 3 5 C 3 2 3 5 C	Nevede Mee Boston Nee Florence Nee Medrid	598; 5886 500; 5046	Vernoo Linn Wootgomery Mew Medrid Reynolde	9 4 7 5	37 50 39 57 36 55 36 35	94 22 92 51 91 27 69 31	870	5P 6P	7A Mrs. Wm. C. Sterett 7A Gerald 9. Bill 5P Sarhart H. Devault 5A Wass Becaley 7A Ethel Sus Adams	2 3 5 3 2 3 5 3	C 7
Columbie WB Airport Conception Concordia Cook Station	1773 1780 1822 1837	Carroll Boone Nodawey Lefayette Crewford		36 22 38 31 38 58 40 16 36 58	63 33 92 22 64 41 63 34 81 27	776 1108 750	M 1D	7A Jerel B. Trueshil Wid U.6. Weether Bureau SP Fr. Adelhelm Beee Martin Brockmen 7A Thomas J. Gorman	3	Odecee Oregon Oregon 1 NE Onceole 3 ME	8281 8351 6351 6401	Lafayette 7 Bolt 8 Kodeway 7 6t. Clair 9 Gesconsde	7 7 7 9	39 00 29 59 39 58 38 05 28 21	93 58 95 08 85 08 93 38	1063	6P	7A Berry W. Bager 7A James M. Curry 1D Addie A. Surtnett 7A Sam H. Simmone	3 2 3 5 3	7 C C
Crane Mountain Crocker Cryetal City 1 M Cube Denville 1 ENE	1960 2004 2031 2043	lron Puleeki Jeffereon Crewford Montgomery	10 6 5 5	37 27 37 57 38 14 36 04	90 38 92 15 90 33 91 24	420	5P	SA Boy 8. Thomlinon SP Cherles Iden SP Occar F. Tidd SA 9ev. Jon. B. Bolend Diddne L. Young	3 3 2 3 5 3	Ozerk Beech Ozerk Beech Pecific Palmyra Parie	545 546 648 649	Christian Teney Franklin Marlon	12 12 5 8	37 01 36 40 38 29 29 46 39 29	83 13	700		7A William L. Seed 8A Empire Die S1 Co 7A Arthur D. Lewie 6A Clinton P. Dodde 8A J. W. Seed	2 3 5	
Deering De Soto Dexter Doniphan	2156 2220 2238 2286	Bontgomery Peniecot Jnffarsoo Stodderd Blpley Ripley	10 1	36 55 35 12 38 06 36 47 35 37	61 31 69 53 90 34 89 58 90 50	255 - 344	6р	7A Clarence E. Cernell 7A 90y E. Dewny 6A J. L. Jeckeon 6P Boyce Lackey 7A Geo. Beungerdnpr	3 3 3 3 3 5	Parma Pettonehurg Perry Perryville	853 656 683 664	New Madrid Daviese Spalle Perry	10 4 6	25 37 40 03 38 26 38 43	89 48 94 08 61 40 89 52	-	5P	7A Leure 9. Morgen ID Wade D. Moody ID Rev. C. B. Graen 7A John 6. Began 7A John P. Devle	3 3 5	c
Donlpham 3 W Dora Downing East Sed Edgarton	2302 2318 2406 3474	Orark Schuyler Iron Plette	12 8 5 7	35 45 40 39 37 41 38 30	92 13 82 22 91 02 94 38		6р	7A Geo. Beungeronn MID Alte M. Deupren MID Sdeard L. Benler 7A C. O. Smith 7A Velma L. Jeckeon 7A Poul D. Pettit	3 2 3 5	Piercs City pleasent Bill Polo Poplar Bluff Portegeville Potomi 2 3	674 877 678 676	E Leerence Case Case Celdwell Butler Mew Madrid Washington	9 7 1 6		84 17 94 02 90 23 89 41	1016 332 282	7P 5p	6A Deen T. Enorpp 7A Selph C. Ulhright 7A O. M. Sichardeon 5p Portegeville gev.	3 3 3 3 5 2 3 5	С
Sidon Sidoredo Springe Elijah Ellington	3503 2511 2519 2547	Miller Ceder Ozark Beynolde	7 6 12 1	38 20 37 52 36 36 37 14	82 10 92 35 94 01 92 06 90 59 90 45	834	5P	Arbur Sothwell SP Clyda J. 6nodgrase 7A Loyd Price 7A 6. Phronic Sandere 6P Lloyd M. Privett	2 3 5 3 3 3 C	Princeton Puxico Qulin Reynolde Richannd 7 N	588 582 567 709	S Enroer 6 Stoddard Butler 6 Raynolds	1	37 54 40 24 36 57 26 36 37 24	61 05	315	5 5p	5D Glen L. Swabbrg 7A J. W. Stelnmeier 7A Torranca J. Johne 7A Effia V. Bill ID Ornlis E. Bmith	2 3 5 3 3 3	C
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# STATION INDEX

Continued																Wissouri Oscinber 1964
Station	County	Drainage I Latitude	Elevation	Observation time	Observer	Refer to tables	Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation	Temp. It do	ion	Refer to tables
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Taranw Ho. 3 Tambington 3 8 Tambla Tavarly Taymonville 2 T	8735 Beaton 5745 Prankin 5734 Omark 5765 Lafayetta 5777 Pulanki	8 36 13 83 7 36 31 61 12 36 47 62 7 38 12 63 3 37 46 62	00 - 34 1294 31 790	8P 7A	John W. Eurks Jos Ludmeig A. W. Pinchney Jessa J. Yooss Salph W. Land	3 C 2 3 5 C 3 2 3 6 7										
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Mississippi 7. Eissouri 6. Mecsho 9. Osaga 10. Saint Francia 11. Salins 12. Spring 13. Tarkio 14. White

### REFERENCE MOTES

Figures and latters following the station mame, such as 12 56%, indicate distance in miles and direction from the post office.

Observation times gives in the Station Jeden are in local standard time.

Delayed data sed corrections will be carried only to the June and Oscamber issues of this bullatin.

Monthly and enasonal anowfall and kenting degram days for the preceding 13 months will be carried in the June issue of this bullstin.

Station makes appearing in tables, but for which data are not listed, are mither missing or received too late to be included in this issue.

Unlass attervine ledicated, dimensional units used in this bulletin ars: taspersture in \*F., precipitation and avaporation in inches, and wind sevenent in miles. Ongres days are based on a delly avarage of 63\*F.

Evaporation is massured in the standard Venther Buranu type pan of 4-foot dimenter unless otherwise shown by footnots following Tabla 6.

Sinst and hall were included in ascefall averages in Table 1, beginning with July 1948.

Amounts in Table 3 are from non-recording gages, nolumn otherwise indicated,

Date is Tables 3, 5, 5, and snowfell date is Table 7 are for the 34 hours soding at time of observation. See the Station ladax for observation time.

Seconds ground in Table 7 is at observation time for all except Vesther Bureau and CAA stations. For these stations show on ground values are at 0830 C6T. "WIR EQUIV" in Table 7 assems the water equivalent of show man the ground. It is measured at salected existions when the dapth of show on the ground in the provident supplies are nacessarily taken from different points for nuccessive observations; observations; observations of the provident supplies of the provident supplies of the provident supplies of the provident supplies.

Additional information regarding the climate of Einsouri may be obtained by writing to may Wasther Burman Office or to the State Climatologist at Wasther Burman Office, Suite 1010, New Federal Building, St. Louis 1, Wissenson 1.

- Date in the column formerly keaded "No. of Days .01 or more" bave hese chenged to "No. of Onys .10 or more" effective Jenusry 1, 1934.

  No record is Tables 3, 6, 7, see the Statios Index. No record in Tables 2 and 5 is indicated by no sorry.

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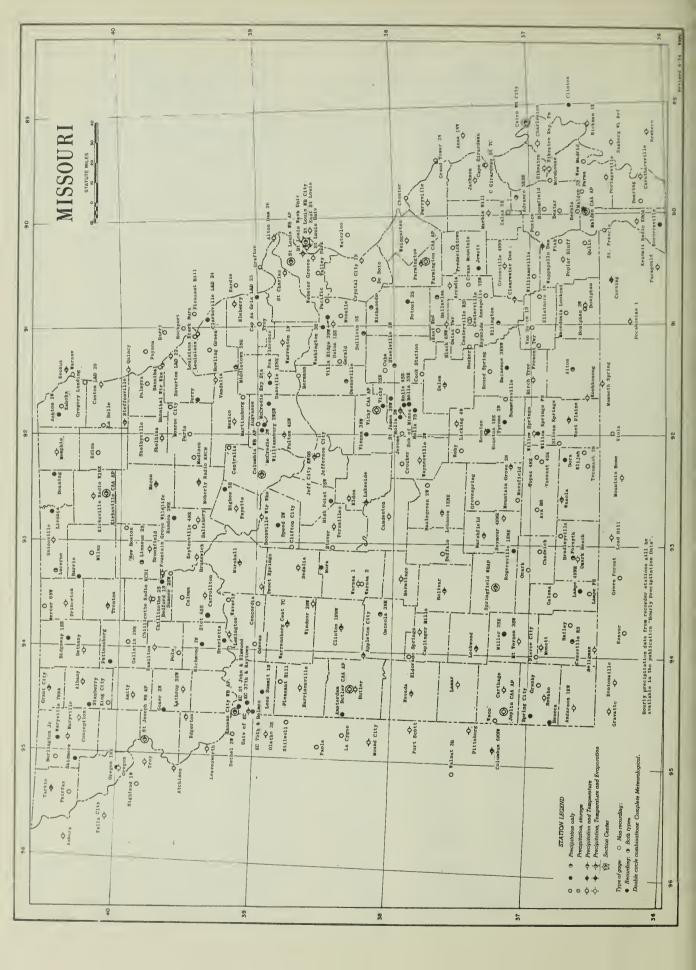
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Fabruary 1854: Table 1, lowest temperature for the year 1831 should be -28.

Hay 1834: Saymour 4 NFE, Table 2, days with ,10 or more precipitation should be 7.

Tarkio, Tabla 2, meas minimum should be 46.0, mean 38.0, departure -4.6, degree days 243, and days with min 32 or below 3

July 1884: Spriegfield WB AP, Table 5, minimum on lat should be 70.



5-1.05 NMS 58'3 Wax. Des det

# U. S. DEPARTMENT OF COMMERCE

SINCLAIR WEEKS, Secretary
WEATHER BUREAU
F. W. REICHELDERFER, Chief

# CLIMATOLOGICAL DATA

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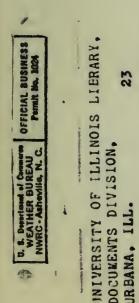
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ANNUAL SUMMARY 1954
Volume LVIII No. 13





### WEATHER SUMMARY

Cumulative effects of the weather characterized the year as hot and dry. Numerous destructive storms occurred during the first eight months and excessive temperatures were common in July and August. The average temperature was 58.2 degrees, 3.0 degrees above normal and the average precipitation was 35.33 inches, 5.13 inches below normal.

The average annual temperature of 58.2 degrees since 1888 was second only to the 1938 average of 58.4 degrees. This was the third consecutive year with temperatures averaging above normal. Following a mild December, January and February were 1.1 degrees and 10.8 degrees above normal. This trend continued throughout the year except for the months of March and May with 1.9 degrees and 3.8 degrees below normal. The extreme heat of the four months June through September gave an average of 4.6 degrees above normal for the period. Many deaths over the State were attributed to the extreme temperatures of July and August and especially to the combination of heat and humidity during August. The highest for the State, 118 degrees at both Warsaw and Union on July 14 equalled the previous record set in 1936 at Lamar and Clinton. Warsaw had 22 days of maximum temperatures of 100 degrees or more in July and 12 in August. Highest mean annual temperature was 62.9° at Caruthersville and the lowest was 52.9° at Maryville. The lowest temperature of -12 degrees occurred at Cnnception and Grant City on January 21. Grant City had seven days in January with minimum temperatures below 0 degree. Annual departures were above normal at all stations with 4 to 6 degrees above normal at scattered locations in the west and in the east central. Nevada had the greatest departure with 6.0 degrees above normal.

The widespread deficiency in precipitation totals for the year, along with an average deficiency of 9.3 inches per year for the last three years, made the three-year period the driest of any similar period in the climatological history of the State. The annual total of 35.33 inches, only 5.13 inches below normal, failed to revive soil above the drought conditions engendered by the extremely subnormal rainfall of the previous year. Temporary relief appeared in prospect when April and May produced only slightly below normal rainfall. However, due to subsoil deficiencies, a dry June and a very dry July gave Missouri its most disastrous drought in the history of the State. A wet August followed by a dry September failed to bring adequate relief, but the cooler temperatures of late October together with an average 2.41 inches above normal rainfall for the month generally terminated the drought. Precipitation totals for the year ranged from 27.85 at Seymour, 27.93 at Anderson, and 28.08 inches at Fulton to 46.48 at Puxico, 46.26 at Centerville Ranger Station, and 45.96 inches at Fremont Tower.

Oat seeding was nearly completed by the end of April as well as 78 per cent of the field work. May was mostly favorable for agriculture over the State and at the close of the month over 90 per cent of the acreage intended for corn

had been planted and 65 per cent of the soybeans but pastures and hay crop were only in fair condition. The first half of June was favorable for most crops but the hot dry weather of the last half caused serious deterioration to hay and pastures and favored the increase in large numbers of a serious pest, the grasshopper. Small grain production was above that of 1953 with oats showing a 52 per cent increase. Wheat and oats were harvested before the drought became severe with the total wheat crop 168 per cent of the 10-year average and oats 147 per cent of the 10-year average. However, this ended the good news for the Missouri farmer for with the advent of the record breaking hot weather of July came the largest loss of corn and hay on record. The corn crop was estimated at only 18 bushels per acre. Hay production was only 58 per cent of the 10-year average. Soybeans and cotton withstood the drought with soybean total yield larger than the 10-year average and the yield per acre of cotton considerably higher than the 10-year average. The rains of August came too late to save much of the summer crops which continued to deteriorate in dry September when grasshoppers caused noticeable damage to early wheat and other small grains. Weather was favorable for harvesting matured crops in October between periods of above normal rainfall which brought general relief from the drought to pastures, forage crops, and sources of water supply.

### STORMS

An eight-month intermittent period of destructive storms over the State began in January in the St. Louis area when a heavy thunderstorm caused considerable damage to roofs, sidings, windows, and signs. The following month severe storm damage was centered in the southeast corner of the State where minor damage resulted from electrical storms on the 15th and 16th, considerable damage to automobiles, buildings, and equipment occurred during a hailstorm on the 27th, and Mississippi County was rocked by a 10-second earthquake on the 7th. The first of a four-month period of occasional tornadoes occurred in 13 counties on the 24th and 25th of March with the loss of two lives at Bendavis, loss of 25 or 30 cows, 4000 poultry and considerable property damage. In April on the 5th and 30th eight counties had tornadoes injuring 10 persons and causing considerable damage to buildings, equipment, and crops. On the 28th of May a tornado at the Lake of the Ozarks, 20 miles east of Warsaw, did considerable damage and later the same afternoon a windstorm overturned an excursion boat and six passengers lost their lives. On the 2nd and 14th small tornadoes occurred near Chillicothe and LaPlata causing only minor damage. Hailstorms occurred in March, May, and June with extensive damage from high winds and hail late in the month of June. On July 3, a severe hailstorm destroyed 900 acres of cotton near Kewanee and caused other crop damage. The severe storms of the year ended in August with a hailstorm in Adair County and a small tornado in Franklin County on the 18th and damaging windsqualls in north central Missouri on the 29th.

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BOUNVILLE MATERMUNKS BRUNSMICK BUTLER BUTLER BUTLER CAA AP	27.8 29.1 29.8 33.6 30.6	3.1	3 41.0 46.6M 1 46.6 47.4 46.4	8.9	39.2 41.3M 44.9 41.7	- 4.1	58.2 61.2 61.7 63.3M 60.1	7.5	59.2 60.5 60.6 61.7M 59.4M	- 4.2	76.2 79.0 78.4 77.2 77.8	3 • 6 5 • 4	83.8 86.3 85.7 87.8M 86.9	9.6	79.9	1 • 8	72.2 74.4 73.5 75.4M 74.4	3.9 6.5	56.8 59.0 58.3 60.3 58.5	- 2.6 3.0	44.7 47.7 46.9 45.0M 46.3	5.3	33.7 35.6 35.9 37.7 35.4	1.4	55.9 58.2 59.7 58.1	1.7
CALIFORNIA CAMDENTON CANTON L AND 0 2 CAPE GIRARDEAU MO ST CAPLINGER MILLS	33.4 26.6 35.6 34.3	- 0.8	45.7 6 40.6 46.7 45.0	9.5	43.1 37.6 45.6 45.3	- 4.4	65.0M 57.3 62.7 65.8M	4 . 4	60.0 57.9M 61.8	- 4.7	76.8 76.6 76.7M 77.4	4.0	85.0 80.5 82.6 86.6	3.5	80.7 - 81.8 82.7		75.4 74.1 69.3 74.9 76.3M	0.7	58.7M 57.1 56.0 60.6 61.1	- 2.8	48.4M 45.1 44.0 48.2 49.4M	1.3	38.4M 35.7 33.1 38.5 38.5	1.4	58.5	
CARROLLTON CARTHAGE CARUTHER SVILLE CHARLESTON CHILLICOTHE RADIO KCHI	28.8 35.0 40.5 37.5 28.1	1 • 4	43.3 47.1 50.7M 48.5 7 43.3M	10.4	41.1 46.2 50.6 47.9 40.3	- 0.8	60.5 64.8 66.1 65.3M 60.5	5.9	59.9 61.5 65.0 64.24 58.9	- 4.8	77.1 78.0M 79.7 78.8 75.7		85.3 88.1 84.5 84.0 82.3	3 · 2	83.0	3 • 3	75.3		57.2 61.7 64.0 60.8 57.5		44.8 48.1 50.9 49.1 45.2	0.5	34.5 39.5 42.2 39.7 35.7M	1.3	57.0 61.0 62.9 61.2 56.3	2.2
CLEARWATER OAM CLINTON 1 NN# COLUMBIA #8 AP CONCEPTION CRYSTAL CITY 1 N	36.0 29.4 30.3 25.5 33.6	- 2 · 3 0 · 5 0 · 8 2 · 2	8 43.8	8.1 9.1 15.6 10.0	41.2	- 3.9 - 1.6 - 1.5 - 2.0	58.8	4.3 6.0 6.6 8.3	58.7	- 3.7 - 3.4 - 4.7	76.8 77.1M 77.2 76.0M 70.9	4 • 3	82.2 85.3 85.4 83.9 83.6M	7.0 7.6 7.3 4.0	79.4	3 • 7 3 • 2 2 • 5 1 • 6		4.9 5.2	58.6 58.8 58.0 57.5M 57.3M	- 0.1	45.9 44.3 46.0 46.7M 44.7	- 2.7 2.8 5.3 0.8	37.4 34.2M 35.5 34.0 36.5M	- 0.5 2.4 4.8 2.1	59.2 57.5 56.1 58.1	2.9 4.2 2.3
OON I PHA'S EDGERTON ELDON ELSBERRY FARMINGTON	30.8 28.2 33.4M 28.3 33.8	1.0 1.1 2.1 - 3.1	3 44.4 3 45.6 3 39.1	5.3	40.3 43.1 38.0	- 2.1 - 2.9 - 0.5 - 5.5 - 2.6	60.6W 63.5 59.7	6.8 6.8 8.1 6.1	59.0 61.2 59.5	- 3.5 - 4.0 - 3.0 - 5.2 - 3.4	77.6 76.2 77.2 77.4 75.7	4 • 3 4 • 2 3 • 0	83.6 83.8 86.1 82.5 80.8	5.0 7.7 8.9 3.1 4.5	77.8 80.7 78.1	5.7 2.7 4.3 1.6	72.3	5.3 3.0	59.4 58.2 58.8 58.7 58.4	1.4	47.3 46.0 46.9 44.6 46.2	0.0 4.2 2.1 1.2	37.7 35.1 37.4 34.4 36.9	- 0.1 4.7 3.1 0.0 0.2	60.2 56.9 59.0 56.1 58.1	2.3 3.5 4.0 0.9 2.3
FARMINGTON CAA AP FAYETTE FOUNTA N GROVE WILDLIF FULTON 4 SM GRANT CITY	32.5 30.1 29.0M 29.0 24.3	3 · : - 0 · :	43.0M	12.9 8.3 13.2	39.8		59.4	6.2 5.2 6.0	59.1	- 4.3 - 4.5 - 3.6	74.6 76.3 76.1 77.5	3.5	80.3 84.5 82.1M 85.9 82.9	7.3 8.2 6.7		3 • 2 3 • 6 0 • 7		4.5 4.7 3.1	56.6 58.1 56.2M 58.6 55.6	1.7	43.44	3.8 1.0 3.4	35.5 35.8 32.5 34.2 32.5M	4.7 0.7 4.5	56.6 57.2 55.5 57.1	3 • 8
GREENVILLE 4 NMH HAMILTON HANNIBAL HATERWORKS HARRISONVILLE HERNITAGE	36.0 - 27.4 31.4 31.7M	0.:		10.3		- 2.9 - 2.9 2.9	58.1 62.1 61.4	7.8 4.7 8.2	58.8	- 3.9 - 4.8 - 3.2	77.0 76.4 76.2 77.5 75.1	4.6	82.0 84.1 81.4 86.7 84.0	4.6 7.5 4.6 9.0	81.2 77.0 75.5 80.7 80.2	4.5 1.6 0.5 4.8	71.7 71.5	2.5 4.4 3.8 6.6	56 . 4	0.4	46.7 46.7 44.2 47.7M 43.8	1.3 4.9 2.1 5.2	38.1 34.1 33.1 - 35.0M	1.9 4.9 1.6	59.3 - 55.1 - 57.0	2 • 7
HOUSTON JACKSON JEFF CITY RADIO KHOS JOPLIN CAA AP KANSAS CITY #8 AP	34.4 35.9 32.6 35.2 29.3	0		10.6	46.3	- 0.9	62.9	6.6	60.9 63.2 60.0 62.3 61.8	- 3.7 - 2.4 - 4.7 - 4.0 - 3.7	76.3 78.3 76.8 79.5 79.2	3.0 6.1	82.4 83.5 84.3 89.4 87.1	6.2	81.2 82.1 80.6 85.2 81.5	4.3 6.0 3.9 7.9 2.5	73.5	4 · 2 5 · 5	58.5 60.2 58.5 61.1 59.4	1.7	46.1 47.7 46.7 49.1 48.9	- 0.6 1.1 2.6 0.8 4.6	38.7 37.3 39.2	0 · 8 2 · 1 4 · 4 0 · 0 3 · 2	58.7 60.1 58.4 61.2 59.1	2.9 3.5 3.6 3.5 3.0
K C GREEN HAVEN WEST KANSAS CITY UNI OF K C KENNETT RADIO KBOA KIRKSVILLE RADIU KIRX KIRKSVILLE CAA AP	29.0 39.5 25.8M	- 2 - 1 - 1	8 45.0 49.8 0 40.6 38.9	9.4	49.9	- 4.6	60.9 66.1 57.4 55.9	4.3	60.7	- 4.3	77.7M 80.1 74.7 74.3		87.1M 85.5 80.6 80.4	7.6	80.2 83.4 74.7	1.6	76.2	5.0	62.8M	- 1.9	49.4	3.1	35.6 37.3 40.7 32.5 30.5	2.5	58.5 62.4 - 53.2	1.9
KOSHKUNONG LAKESIOE LAMAR LATHROP 3 SH LEBANDN 1 ENE	37.6M 31.3 32.8 28.5M 34.3	- 1.	7 41.9 7 44.6M 43.4	7.9 9.3	41.1 42.6 39.64	- 3.4	61.5 62.6 59.9M	8 • 2 6 • 1 6 • 0	59.5 62.5 58.4M			1.1	82.3 82.7 87.4 83.7 84.5		82.2 79.3 84.2 76.9 81.8	4 • 3 0 • 2 6 • 5	75.2 72.0	3.8 1.0 5.0		0.5	48.5	- 0.5 1.5 - 0.4		- 1.0 - 1.2 0.9	57.3 59.4 56.3 59.2	0.6 3.0 3.7
LEXINGTON LICKING 4 N LOCKWOOD LOUISIANA STARKS NUR MACON	27.2 31.8 35.3 30.3 23.8M	- 0 - 1 - 1 - 2 - 1 - 2 - 1	6 42.5 3 42.9 0 47.1 2 42.5	11.5	39.7 41.5 46.1	- 3.1 - 5.6 - 1.2 - 3.8		4 • 6 5 • 9 8 • 3 6 • 5	60.7	- 3.7 - 4.0 - 2.3 - 4.2	78.4 76.5 78.5 77.4	4.9 5.3		9.3 6.1 10.4	80.0 81.1 85.8	3 · 8 4 · 4 8 · 6 3 · 3	74.5 74.7 77.0 71.6	5.7 5.7	57.6 58.5 61.3 57.5	0.1 - 0.3 2.6	45.9	1.7 - 0.2 1.1 0.3	34.2 35.4 39.1 35.1	2.2 - 1.0 3.0 3.3 1.8	57.2 57.8 61.1 56.7	3.0 1.5 4.5 3.1
MALOEN CAA AP MARBLE HILL MARSHALL MARSHFIELO MARYVILLE	36.0 35.7 - 34.1 24.6	1.:	45.1	9.7	46.4 45.6 42.3 43.9 37.2	- 2.0 - 0.1	64.6 63.7 61.7 64.4 57.5	6.5	64.2	- 2.8			84.9 81.8 86.3 84.6 82.5	4.0 8.8		3 • 3	74.7 72.2 - 75.4 70.3	1.5	60.6 58.4 - 59.5 55.6	0 • 2	47.2	1.5	39.4 37.3M - 37.3 31.9	0.6	60.7 58.9 - 59.3 54.6	2.1
MEMPHIS MEXICO MOBERLY RADIO KNCM MONETT MOUNTAIN GROVE 2 N	23.5M 28.4 28.9	0	5 37.7M 4 41.1 9 41.7	11.0		1 - 3.6	59.2M	5.4 6.2	57.4M 59.9 59.6M	- 4.2 - 4.1 - 4.4	75.0	3.7 3.9 2.9	80.3 85.2 83.4M	7 • 5 5 • 8	74.6M 78.9 77.4 82.3	- 0.6	68.9M 73.3 71.8	1.6 4.8 4.7	53.7M 57.2M 57.1	0.9	42.7M 45.2 45.3 51.0M 48.0	3 • 4 2 • 3 3 • 4	30.8M 34.0 34.4M 39.3 37.8M	2 · 1 2 · 2 2 · 9	52.9 56.6 56.3	1.5 2.9 2.5
MOUNT VERNON 3 SW NEOSHO NEVADA NEW FLORENCE OREGON	35.1 35.7N 34.2 30.9 25.2	2 -	8 45.5 6 47.0 3 48.3M 43.4	11.0 9.4 14.4		- 1.6 - 1.5 1.0	64.3 66.0 65.2 61.7 59.3	8 • 2 7 • 7 9 • 5	61.2	- 4.6 - 4.5 - 1.1	77.4 76.9 79.9 77.6	4.1 3.1 6.4	86 · 2 85 · 4 89 · 5 84 · 1 83 · 2	8 • 5 7 • 9 9 • 9	84.5 82.2 85.6 79.0 76.5	8 • 5		4 • 4 4 • 4 8 • 8	60.0 61.5 61.5 58.0 57.1	3.9	46.9 3 48.3 49.4 46.1 0 47.0	4.6	38.1 40.0 39.3M 35.4 34.3	2.6 2.9 4.0	61.7 57.6	3.8 3.2 6.0
OZARK BEACH PERRYVILLE POPLAR BLUFF PORTAGEVILLE PRINCETON	35.4 34.3 37.9N 39.6 25.7		43.8M 46.6		45.5	- 0.6	64.6M 64.3 65.2M 66.6 57.0		63.2 62.5 63.5 66.1 57.0		78.5 77.9		83.4 83.2 84.7 83.8		84.4 81.7 82.5 83.1 77.2		75.1N 74.1 74.6 76.2 71.2		62.0 N 59.3 61.2 M 62.7 56.3		47.3 47.0 48.9 50.0 44.7		38.0 37.7 39.1M 41.3 33.8		59.5	
ROLLA SCHOOL OF MINES SAINT CHARLES SAINT JUSEPH WB AP SAINT LOUIS WB AP SAINT LOUIS WB CITY	33.2 33.8 25.4 32.7 33.9	- 1. 0.	3 44.3 8 45.4M 7 42.2 5 43.8 6 44.9	12.1	42.8 44.5 39.1 42.1 43.2	- 2.8 - 2.8	7 63.8M 0 64.5 58.8 62.1 62.4	8 • 9 4 • 3 6 • 5	63.1 59.5 61.6	- 3.0 0.0 - 5.0 - 3.6 - 4.2	80.0 77.1 79.4	6 • 1 2 • 7	85.3 85.9 84.7 84.9 84.8	7 • 8 4 • 6 5 • 3	80.6 78.1 80.0 80.0	3 · 8 0 · 0 2 · 3	76.0 75.1 72.9 74.6 75.6	6.6 3.0 4.2	59.4 60.4 57.3 58.9 59.8	- 0.8 - 0.9	47.4 46.9 45.9 45.9 47.4	1.6 3.6 0.9	37.2 37.6M 33.7 36.7 37.4	2.6 2.7 2.5 1.6 1.2	59.8 56.2 58.6	3.7 4.6 1.7 2.3 2.0
SAINT LOUIS UNIVERSITY SAINT LOUIS WASH UNI SALES SALISBURY SAVERTON L AND 0 22	34.0 31.2 32.6 29.9 30.6	0.	0 45.6 43.4 0 42.6M 43.7 3 42.8	6.6	44.1 42.5 41.6 41.4 40.1	- 2.5	63.9 61.6 61.3 60.7 60.0	5 • 3 5 • 3	61.8 59.6 60.2	- 2.4 4 ~ 3.1 - 4.9	79.6 75.7 77.3	5 • 1 4 • 8 3 • 3	85.7 85.4 81.3 84.6 82.7	5.2	81.0 80.7 78.3 78.5	2 . 5	76.2 74.8 71.2 73.0 72.8	2.0	60.3 60.0 57.3 57.7 57.8	- 0.1	7 47.8 7 45.5M 3 44.9 46.2 44.9	- 1.2	37.6 35.7 35.6 35.5 34.3	2.5 1.4 0.2	60.0 58.5 56.8 57.4	3 • 6 2 • 5 1 • 1
SEOALIA SELIGMAN SEYMOUR 4 NNE SMELBINA SIKESTON	32.9 36.7 33.5 28.8 34.9	- 0.	5 45.6 46.5M 5 44.5M 42.6 45.5	9.0	43.6 45.44 42.5 39.4 45.7	- 1.2	62.6 64.5M 63.6 59.4 63.2	7.9	59.6	- 4.0 - 3.1 - 4.1	76.3 75.6M 76.1	4.1 3.9 3.9	86.9	7.1	81.3 82.4 77.0 82.3	6 • 2	74.8 76.1 79.5N 71.1N 74.9	5.6	59.1 60.0N	1.0	47.1 49.3M 47.1M 45.0 47.2	2.0	37.7 39.0M 36.1M 34.3 38.5	3.8 1.7 0.7	59.3 60.1 - 55.9 60.0	4.9 3.5
SIKESTON CROP EXP FAR) SPRINGFIELD #8 AP STEFFENVILLE S#EET SPRINGS TARK 10	36.9 33.6 28.0 30.6 24.1	0.	47.3 1 44.0 6 41.8 44.5 2 41.0		46.1 43.1 38.8 42.07 35.7	~ 1.0	63.5		59.9	- 3.2 - 4.1	77.0	3.0	83.3 84.8 81.5 85.9 82.2	3.	81.0 81.7 76.3 79.5 76.2	- 0.2	73.8 74.9 70.7 74.0 70.3	1.5	59.7 58.5 56.6 58.6 56.8		47.3 46.8 44.5 45.7 45.5	1.0	38.5 36.7 33.7 36.1 31.9	1.0 3.1 5.5	55.5 57.9	3.1 1.9 2.9

	Jane	uarv	Febr	ruary	Ma	rch	Ap	ril	М	ay	Ju.	ne	Jul	lv	Au	zust	Septe	mber	Octo	ober	Nove	mber	Decem	har	Ann	
										,			, ,	_									2000		7100	CLALI
Station	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure	Temperature	Departure
RENTON NION 1 SE NIONVILLE ANDALIA ERSAILLES	27.0 33.2 24.6 - 32.8M	- 0.2	44.3 44.3 40.2 - 44.6M	6.9 13.5	40.1 43.0 35.9 42.5M	- 4.3 - 3.0	63.2	6 + 5	60.1M 59.9 56.6 - 58.7M	- 4.8	77.5	3.4	84.6 60.5 84.6	6.4	78.1 80.6 75.5 79.2 80.4	2.6	72.7 73.0 76.4 73.8 73.7	3.9	58.3M 58.0 53.9M 57.2 56.5M	- 1.5	46.7 44.4M 42.0 45.6M 46.4	- 1.7	35.2 37.1 30.3 35.0 37.5M	5.6 1.6 2.7	58.2	1020
ICHY CAA AP APPAPELLO DAM ARRENSBURG CENT T COL ARRENTON 1 N ARSAW NO 1	32.4 34.9 33.1 32.3M 33.0	3.1	43.6 46.3 40.9 45.4M 45.5	14.4	41.1 45.9 43.9 42.9 43.7		63.3M	7.2 8.5	59.9 63.3M 62.2 61.7 61.3	- 2.8	76.6 78.1 78.8 77.5 78.8	4.9	83.1 84.0 88.1 84.0M 87.4	9.3	78.5 82.3 82.1 78.3 82.4	5.0 1.8	74.5 75.5 76.9M 72.4 75.6	3.8 6.7 3.4	57.3 60.7 60.0M 57.8M 60.1	1.8	45.6 48.2 48.4 45.1 46.3	3.4	36.1 38.2 38.3 35.5 37.5	0.7 4.9 3.1 1.8	60.2	1. 5. 3.
ASOLA AYNESVILLE 2 W EBSTER GROVES EINGARTEN EST PLAINS	36.1M 35.0 32.9M 35.1 33.9	- 0-1		6.2	45.7M 43.3M 42.9 44.4M 44.4	- 2.1	65.3 64.8 62.9 64.6M 63.6	6 . 6	63.3 60.6 61.5M 62.7 60.9	- 3.7	78.0 76.9 78.1 77.3 76.7	3.3	83.8 84.5 84.7 83.2 82.0	4.3	82.0 80.8 79.3 81.3 82.1	5.1	75.6 73.9 74.4 75.9 73.8		59.1 59.0 57.9 59.8 58.9	0.0	48.1 46.3 45.2 47.6 46.0	0.7	38.4M 38.7 36.3M 37.8 36.9	0.4	60.2 59.2 58.3 59.7 58.7	2.
ILLUM SPRINGS INDSOR 3 NW	35.4 31.7M		44.8		43.8 43.0M		63.6		60.6 59.7		75.6 77.4		80.7		79.7 81.7		72.0 75.3		58.3		45.3		37.0 36.9		57.9 58.6	
ECTION AVERAGE	31.9	1.1	44.5	10.8	42.6	- 1.9	62.0	6.6	60.8	- 3.8	77.2	3.9	84.2	6.5	80.1	3.6	73.7	4.4	58.6	0.9	46.4	1.8	36.4	2.5	58.2	,

Table 2		101.			11011 11			TIED TIE	02/2 110	111111111111111111111111111111111111111			1954
	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Station	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure	Precipitation Departure
ADVANCE 5 ESE ALMANY ALTON AMITY ANDERSON 1 SW	0.02- 1.53 1.66- 0.87	1.65 0.03 1.59 0.07 0.78- 1.00	1.80 0.11 - 1.36- 0.91 1.57- 2.13	2.54- 2.63 6.81 4.02 3.15 3.76- 0.34 4.40- 0.29	3.61- 0.66 4.56 1.88 4.78 4.19- 1.06 4.71- 1.04	2.81- 1.49 3.30- 1.94 1.38 4.77- 2.23 0.56- 5.37	1.19- 2.17 0.78- 3.85 1.94 0.61- 2.02 0.70- 3.71	1.13- 2.99	2.47 1.09 - 1.65 3.63 - 0.25	4.71 2.10 3.66 0.87 4.40 8.27 6.14 4.24 0.35	0.47- 2.81 0.10- 1.61 0.90 0.15- 2.53 0.29- 3.06	6.80 3.9 0.54 0.3 6.26 0.82 1.2 4.26 1.9	3 34.24 0.24 2 37.58- 0.53 1 27.93-18.45
ANNAPOLIS 7 SW ARPLETON CITY ARCADIA AUNVASSF AVA RANGER STATION	4.29 0.29- 1.55 3.12 0.13 0.60 2.31	2.22 1.50- 0.17 E 2.43- 0.05 0.49 1.56		2.27 4.83 0.70 3.01 1.81 3.78 1.88		5.18 1.32 - 5.75 5.36 1.22 2.50 1.62	1.38- 2.93 1.29- 2.83 0.67 1.52	3.42 4.69 0.73 3.46- 0.91 4.12 1.50	1.56 1.62 - 2.76 3.05 - 0.93 2.30 3.30	4.37 9.11 6.15 3.97 0.52 4.91 5.35	0.96 0.25- 2.05 0.95- 2.17 1.15 1.16	5.86 2.97 4.96 2.1 5.58	8 39.12 34.45-7.71 1 E38.54-6.07 E27.45 32.07
RELLEVIEW RERNIE RETNALV RIRCH TREE RLACK 6 NW	2.07- 0.23 4.99 0.03- 1.16 4.11 0.93 2.58- 0.12	E 2.94 0.11 2.70 1.52 0.10 2.63 0.13 2.45 0.17	2.62 1.85- 0.38	2.59- 2.43 1.69 5.60 2.31 2.33- 2.43 4.19- 0.70	2.76- 2.35 5.39 4.21 0.04 7.06 2.71 3.10- 1.41	4.93 0.33 2.71 4.12- 0.94 1.48- 2.93 4.82 0.76	1.50- 1.83 1.31 1.13- 3.03 1.56- 2.02 0.96- 2.73	4.65 9.52 5.70 3.18-1.58 3.19-1.05	3.03- 0.65	4.40 0.90 1.99 3.09 0.17 4.79 1.51 3.74 0.15	0.80- 2.63 0.65 0.07- 1.97 0.70- 2.46 1.85- 0.87	4.37 1.5 6.81 0.38 0.7 6.72 3.9 5.13 2.6	38.30 7 32.05- 3.96 7 40.68- 3.71
RLODMFIELD BOLIVAR ROONVILLE WATERWORKS BOWLING GREEN RROOKFIELD	5.40 1.66-0.27 0.89-0.83 0.64-1.26	3.03 1.72+ 0.38 1.41- 0.37 E 0.64- 0.80 2.43		1.57 3.80- 0.37 3.42- 0.45 4.42 1.88 5.14	5.86 4.68- 0.67 5.29 0.68 E 2.46- 1.38 7.37	3.56 2.32- 2.99 3.70- 1.35 4.07 0.83 2.37	0.38 0.42 3.30 2.04 1.20 0.49 2.29 1.45	7.90 3.35	3.62 3.53 - 0.68 2.21 - 2.98 1.35 - 1.36 2.18	3.11 7.16 3.91 5.48 2.26 4.49 2.24 4.72	0.48 0.61-1.97 0.10-2.11 1.37-1.47	7.05 3.78 1.94 1.55 1.73	4 35.83 4.35
BRUNSWICK BUFFALO BUNKER BURLINGTON JUNCTION BUTLER	0.54- 1.05 1.62- 0.49 - 0.03 0.19	2.22 0.41 1.71 - 0.05 - 1.52 1.92	2.53- 0.17 1.27- 1.64 - 1.05 1.77	3.02- 0.81 2.70- 0.97 - 4.63 5.21	4.77 0.16 4.98- 0.22 - 4.55 4.64	2.07- 3.04 3.21- 1.81 - 6.39 2.10	0.40- 3.71 1.47- 1.49 - 0.65 1.04	7.73 3.79 2.63- 1.49 - 5.91 5.73	1.52 - 3.29 3.37 0.02 - 0.97 1.60	5.70 2.70 5.96 3.14 - 2.97 7.63	0.08- 2.11 1.46- 1.94 - 0.14 0.04	1.93 0.2 3.95 1.8 4.49 0.79 4.15	
BUTLER CAA AP CALIFORNIA CAMPENTON CANTON L AND 0 20 CARE GIRARDEAU MO ST	0.22 1.43 0.69~ 1.25 5.10 1.12	1.63 2.13 1.52 0.26 2.93 0.53		5.57 4.70 5.01 2.25 3.90 0.02	5.08 3.51 1.51- 3.81 3.99- 0.08	2.10 3.48 4.96 0.18 3.95 - 0.35	1.20 0.63 1.00 1.33 0.69 2.73		2.50 3.19 2.62 2.31-1.43 4.46 0.45	8.94 5.23 8.47 5.60 3.34 2.87 0.43	T 0.91 1.74 0.95- 1.76 1.07- 2.51	3.41 2.85 4.29 1.50 0.1 8.07 4.4	
CARE GIRARDEAU CAPLINGER MILLS CARROLLTON CARTHAGE CARUTHERSVILLE	4.11 0.13 0.62- 1.30 0.27 1.73 4.76- 0.43	2.78 0.38 1.17 - 0.14 2.35 1.26 2.42 - 0.96	2.13-1.71 1.39-1.34 3.18 1.38	3.59- 0.29 6.45 2.86 3.61 2.49 2.47- 2.05	3.67- 0.40 4.76- 0.11 2.88 6.11 4.05- 0.39	4.29- 0.01 3.61- 2.55 3.12 0.51 1.16- 2.65	0.67 2.75 0.58 3.18 0.84 0.69 2.13 1.16	4.21 0.31 1.85 2.70 6.39 1.70 1.73 1.96		3.08- 0.22 7.25 3.37 5.43 9.39 3.71 0.35	1.16 - 2.42 T - 2.76 0.13 0.37 1.05 - 2.80	7.24 3.5 3.97 2.2 1.74 4.61 5.14 0.6	7 E35.41- 5.54 31.14 36.06
CASSVILLE RANGER STA CENTERVILLE CENTERVILLE RANGER STA CENTRALIA CHADWICK	1.73 3.60 E 4.34 1.69 0.87- 0.59 E 1.84	1.26 3.60 3.82 0.62 0.97- 0.52 1.37		3.17 2.68 2.73~ 2.49 4.04~ 0.36 2.85	7.21 6.29 5.62 1.26 3.64- 1.60	1.80 5.61 6.02 0.83 2.62- 3.39 3.23	3.09 0.95 1.86 - 0.44 0.23 - 2.52 1.93	2.01 3.68 4.35 1.90 6.24 1.93 3.31		5.82 5.63 5.95 2.25 5.39 2.25 5.14	1.78 1.23 1.25- 2.19 0.55- 2.07 1.56	5.43 6.11 6.22 3.4 1.96 0.0	
CHARLESTON CHILLICOTHE 2 S CHILLICOTHE RADIO KCHI CLEARWATER DAM CLIFTON CITY	4.54 0.52 0.77- 0.71 4.07 0.97	2.38 1.52 1.60 0.15 2.34 1.30	2.49 3.04 3.35 0.87 3.04 0.98	1.86 4.08 4.39 1.17 2.08 4.08	5.55 3.83 5.03 0.94 6.91 5.28	3.96 4.14 3.03 - 1.70 5.13 4.12	1.26 1.67 1.58 1.84 1.54 1.78	3.00 5.87 6.40 2.44 3.20 7.66	2.96 1.88 2.77- 2.01 3.16 3.45	4.09 6.19 6.06 2.92 4.01 5.76	1.27 0.07 0.10- 2.02 1.09 0.15	6.58 0.74 1.37 - 0.0 6.55 2.17	39.94 33.55 36.45 43.12 37.70
CLINTON 1 NNW COLOMA COLUMBIA WB AR R CONCERTION CONCOROIA	0.92- 1.11 E 0.53 I.01- 0.79 0.06- 0.73 0.53- 1.01	1.20- 0.75 1.81 1.29- 0.28 2.06 0.91 1.52 0.04	3.11 1.20- 1.81 1.45- 0.20	3.03- 1.14 3.46 4.82 1.02 8.06 5.33 3.01- 0.33	6 5.84 1.01 3.34 5.22 0.38 4.22 0.16 4.72- 0.03	1.08- 3.82 3.79 2.42- 2.48 4.10- 0.85 3.29- 2.19	3.03- 0.40 1.20 0.33- 2.68 0.39- 4.28 0.90- 3.09	9.84 6.20	1.10- 3.54	8.92 5.47 9.37 4.85 1.64 2.89 0.01 4.35 0.55	0.05 - 2.11 0.00 0.58 - 2.03 T - 1.74 0.01 - 2.21	E 3.01 1.1 1.28 1.59 0.4 0.45 0.4 1.98 0.2	8 31.89- 7.44 3 34.62 0.84
COOK STATION CRAME MOUNTAIN CROCKER CRYSTAL CITY 1 N CURA	0.81 3.47 0.96- 1.72 1.14- 1.15 1.29- 0.96	1.43 2.87 1.52+ 0.37 1.13- 0.74 0.97- 1.56	1.53- 1.15	1.88 1.77 2.96- 0.84 3.03- 0.61 2.69- 2.26	4.51 6.51 3.57- 0.23 2.78- 1.38 4.29- 0.30	4.46 8.37 5.00 2.05 2.99- 2.43 3.39- 1.63	2.40 1.84 0.93 3.15 0.71 2.50 2.33 0.03	4.35 2.86 3.93 0.20 3.95 1.52 3.38 0.38	2.28- 1.10	5.99 3.67 7.04 4.70 3.91 1.14 5.32 2.58	1.48 1.08 1.41-0.72 1.79-1.63 1.95-1.08	4.27 5.83 E 2.98 0.8 3.86 1.3 2.96 0.9	2 29.10- 8.71
DEERING DE SOTO DEXTER DOWNERMAN DOWNERMAN 2 W	5.91 1.23 5.20 0.16 5.48 1.38 5.17	2.77 0.95 3.00- 0.08 3.00- 0.31 2.92		3.75 2.63 1.35- 3.24 2.97- 1.96 2.36	4.84 3.38 6.66 1.87 5.60 1.24 5.52	3.29 4.00 3.54 - 0.87 3.67 - 0.69 4.21	4.40 1.57 0.79 - 2.33 1.43 - 2.61	1.88 3.21 5.56 1.44 1.73- 2.51	1.72 2.07 2.56 - 1.96 3.38 - 0.23 E 2.45	3.18 3.12 2.95 1.31 2.44- 0.62 3.83	1.06 1.41 0.36 - 3.56 1.16 - 2.26 1.01	5.03 4.47 6.73 4.44 5.92	
EAST ENO EDGERTON EOINA ELDON ELDORADO SRRINGS	E 1.60 0.70- 0.15 0.79- 0.87 0.79- 0.97 0.63- 1.59	2.41 1.43 0.09 1.92 0.79 0.91 0.91 1.46 1.02	3.84 1.85 1.34- 1.70	1.60 3.73 0.65 4.90 1.77 4.68 0.52 5.74 1.51	2.68 2.90-1.30 2.09-1.76 4.59 0.29 5.50 0.35	3.29 4.11- 0.76 4.81- 0.63 2.69- 1.35 1.24- 3.72	0.71 1.35 - 2.15 0.85 - 1.62 3.14 - 0.08 0.98 - 3.34	10.40 6.30 5.86 2.20		5.18 4.97 2.35 4.34 2.08 6.52 2.82 7.65 5.09	1.45 T - 1.97 0.41- 2.66 1.06- 1.39 0.89- 1.50	5 - 85 0 - 54 - 0 - 5 1 - 81 3 - 31 2 - 65	7 38.64 3.58 5 36.96- 1.57
ELIJAH ELLINGTON ELLSINORE 1 N ELSBERRY FAIRFAX	4.97 3.94 E 4.53 0.82 1.35	3.25 2.61 2.64 0.83 - 0.83	3.31 2.63 3.87 1.32 1.44 E 1.06	1.90 1.73 2.23 3.57 0.52 3.10	2.72 6.37 4.81 2.60- 0.72 E 2.35	2.39 3.76 2.95 3.38- 0.06 5.56	4.60 1.16 1.04 0.93 1.06	1.95 3.81 2.49 5.54 2.28 7.25	2.75 2.23 3.27 1.81 - 1.19 0.65	5.75 3.99 5.39 5.39 2.88 1.16	1.34 0.52 1.83 1.62 - 1.20	5.71 6.76 6.75 0.86 - 1.3	40.64 39.51 641.80 28.67-3.52 624.91
FARMINGTON FARMINGTON CAA AP FAVETTE FISK FOUNTAIN GROVE WILDLIF	2.74- 0.40 2.81 0.48- 1.31 4.71- 0.30 0.98	2.41 - 0.11 2.46 1.13 - 0.57 3.06 - 0.20 2.32	1.56-1.26	3.10- 1.42 3.43 4.49 0.94 1.42- 2.28 4.76	5.01- 0.06 4.46 6.05 1.73 5.84 2.34 3.94	4.83 0.95 4.48 2.19- 2.38 3.58- 0.28 2.92	2.02 - 1.54 2.02 0.78 - 2.47 0.64 - 2.74 1.02		1.83		1.35 - 1.47 1.74 0.13 - 1.97 1.27 - 1.39 0.07	4.69 1.8 4.54 1.66 0.6 6.80 3.3	37.00 0 32.59 4.58
FREDERICKTOWN FREWONT TOWER FULTON 4 SW GALENA GALLATIN 2 NE	3.52- 0.19 E 4.73 0.69- 1.33 1.79- 0.88 † - 1.22	3.60 0.97 2.88 0.76- 0.91 1.16- 0.78 1.87 0.28	3.00- 0.34	2.64- 1.84 3.76 2.60- 1.41 3.43- 0.69 4.78 1.22		6.50 2.27 1.20 3.33 - 1.07 2.96 - 1.80 3.15 - 1.91	0.64- 2.58 1.00 0.74- 2.55 1.14- 2.62 0.40- 3.72	4.15 5.68 2.03 1.13 2.97	1.87 - 2.62 6.40 2.92	4.70 4.30 0.88 7.90 4.42	2.14 - 1.18 1.07 1.49 - 0.82 1.20 - 2.10 0.12 - 1.96	4.05 1.8	E45.96 2 28.08-10.75 40.17- 2.09
GERALO GRANSY GRANT CITY GREENVILLE 4 NNW GREGORY LANGING	1.69 2.24 0.04 0.93 4.10 0.78 0.55	0.89 1.18 1.46 2.77 1.85		4.01 3.81 8.56 5.60 1.35 3.35 2.99	2.98 6.45 4.07- 0.16 5.73 1.55 1.36	3.27 1.02 5.20 0.20 4.86 0.17 4.31		4.97 1.72 9.46 5.52 2.94- 1.34 4.94	2.21 5.21 1.26 - 3.43 3.51 1.15	4.31 7.45 6.27 3.23 3.33 0.05 4.33	2.54 0.21 0.40- 1.45 2.28- 1.08 0.72	2.30 4.43 0.26- 0.6 6.70 3.3	
GROVESPRING HAILEV HAMILTON HAMIBAL HAMNIBAL HAMNIBAL HAMNIBAL	1.73 1.82 1.10 0.52 1.02 0.70	1.57 1.12 - 0.68 - 1.60 1.24 - 0.62	2.08	3.37 4.11- 0.28 - 4.78 6.55 3.36	4.42 5.03- 0.21 3.29 2.76- 1.59	1.6° 2.1' - 3.44 3.43 - 1.54 3.12 1.93 - 1.97	1.29 1.88- 1.81 1.31- 2.57 1.60 1.70- 1.39	8.70 4.74 5.50	1.21		1.37 1.53 - 1.58 T - 2.15 1.40 1.31 - 0.75	1.51	30.39
HARRISONVILLE HAZLEGREEN 2 W HERMANN HERMITAGE HOUSTON	0.17- 1.40 2.54 1.01- 0.92 1.38 1.96- 0.70	2.56 0.83 1.64 0.71- 0.94 1.24 1.93- 0.32	1.66 1.34- 1.49 0.87	3.66 0.28 2.26 4.98 0.95 6.85 1.92- 2.35	5.39 0.96 4.74 3.43- 0.74 3.04 4.75 0.78	3.03 1.76 2.04 4.4 0.12 2.18 2.38 2.20	1.24 - 2.37 2.11 3.14 - 0.20 0.54 2.94 - 1.20	2.98 4.88 1.21 2.68	1.93 2.67 - 1.71 2.64	7.89	0.00 - 2.14 1.77 1.14 - 1.33 0.83 1.59 - 0.94	3.98	33.77 E32.62 - 5.66 34.21
JACKSON JEFF CITY RADIO KWOS JEFFERSON CITY JEROWÉ JOPLIN CAA AR	4.59 0.65 0.67- 1.31 0.41 1.44- 0.54 1.93- 0.23	2.76- 0.10 1.07- 0.69 0.46 1.13- 1.19 1.11- 0.57	0.75- 2.31 1.49 2.35- 0.50	1.96- 2.38 4.45 0.47 3.37 2.10- 1.73 4.56- 0.14	3.14- 1.13 5.12 0.71 3.78 4.44 0.13 5.62 0.26	4.45 - 0.24 4.02 - 0.21 3.39 4.48 0.73 0.59 - 5.41	1.41 - 2.13 1.81 - 1.30 1.31 1.09 - 2.21 0.06 - 4.56	3.74- 0.09 3.02 4.55 0.27	3.30- 0.93 2.67 0.95- 2.64	4.04 5.07 3.05	1.15 - 2.23 0.89 - 1.50 0.72 2.04 - 0.43 0.30 - 2.47	1.85 3.59 1.	17 41.90 4.36 10 33.00 5.29 26.51 16 33.23 3.30
KAMOKA KANSAS CITY #8 AP R K C GREEN MAYEN #EST KANSAS CITY UNI OF K C KENNETT RAOIO KADA	0.67- 1.21 0.05- 1.38 0.05- 1.49 5.86	1.34 0.27 1.75 0.59 2.10 0.89 2.91	1.52- 0.89	5.61 2.35 4.5 0.90 3.7 1.56 2.6	2.84- 1.42 3.57- 0.84 3.58- 0.97 4.65	2.93 - 1.98 3.64 - 1.38 2.94 - 3.47 0.93	0.83- 1.05 0.93- 1.90 1.85- 0.71	5.01 1.12		5.10 2.17 5.67	0.42- 2.93 0.04- 2.13 0.06 0.05- 1.83 0.84	1.00- 0.6 0.67- 0.6 0.74 0.69- 1.6	-

	Janua	гу	February	March	Ap	ril	May	Ju	ne	July	August	September	Octob	190	November	December	Annual
Station	Precipitation	Departure	Precipitation Departure	Precapitation Departure	Precipitation	Departure	Precipitation Departure	Precipitation	Departure	Precapitation Departure	Precipitation Departure	Precipitation	Precipitation	Departure	Precipitation Departure	Precapitation Departure	Precipitation
KING CITY KIRKSYILLE RADIO KIRX KIRKSYILLE CAA AP R KOSHKONONG LA BELLE	0.43- 0.87 4.81 0.60-	1.09	- 2.24 0.71 1.53 2.87 0.01 2.03 0.76	3.69 0.7 4.07 3.59- 0.5 3.79 1.4	5.00 1 3.46	1.23 1.56 1.87	5.22- 0.1 5.57 5.74 1.1	9 1.46	- 2.10 - 3.02 - 0.85	1.97- 2.33 1.78 1.63- 2.14 1.10- 1.03	8.42 4.3 8.28 1.09 3.0 10.36 5.	779- 1.8	2.80-	0.57	0.11- 1.65 0.25- 1.87 0.23 0.64- 2.62 0.64- 2.26	0.72- C. 0.87- C. 0.64 3.25 1. 1.78 0.	36. 0 35.15-11.03
LAKESIDE LAMAR LAMPE FOREST SERVICE LATHROP 3 SW LEBANON 1 ENE	1.03- 0.68- 2.59 1.11 2.26-	1.15	1.50 = 0.32 1.49 = 0.28 0.99 1.43 2.17 = 0.02	1.57- 1.1 1.37- 1.8 3.98 1.69 1.54- 1.9	2 4.20 2.66	1.07 - 0.32 - 1.61	4.24- 0.6 5.38 0.3 4.92 3.89 5.56 0.3	2 1.01	- 4.53	0.99 1.16 0.27 3.95 2.92 1.42 1.39 2.57	4.48 1.2 2.71-1.5 2.79 6.76 3.33-1.	68 4.51= 0.0 5.69 3.38	8.95 7.61 5.76	2.37 5.34	1.10- 2.61 0.56- 1.97 1.19 T	2.90 0.0 4.39 2.9 5.53 0.59 4.08 1.8	35.52- 7.67 c42.96 E33.58
LEXINGTON LICKING 4 N LINNEUS 2 S LOCKWOOO LOUISIANA STARKS NUR	0.52-	1.45	2.45 0.61 1.17-1.24 1.92 0.75 1.37-0.36 1.04-1.04	3.37 0.5 1.94 - 1.1 3.10 1.1 1.23 - 2.3 2.91 - 0.5	9 1.47 6 4.26 3 3.84		3.85-1.1 5.99 0.8 4.43 0.3 6.12 0.8 1.83-2.8	6 5.78 3 3.89 10 1.55	- 2.01 1.22 - 0.83 - 4.13 0.19	0.66-3.35 0.73-1.84 2.24-0.62 0.72-4.04 0.56-3.04	7.33 3.8 4.03 1.6 7.76 3.6 2.08 2.6 4.93 0.5	1.65 2.0 2 3.74 1.0	6.45	3.88 3.14 1.59 4.00 1.57	0.01- 2.11 1.50- 1.14 0.08- 2.49 0.47- 2.37 1.67- 0.79	0.93≈ 0.6 5.17 2.1 5.17 0.6 4.38 2.1 2.52 0.6	7 834.80 0.65 34.93-10.87
LOUISIANA LUCERNE MACEOONIA LOOKOUT MACON MAOISON	4.32	0.76	0.84 1.37 0.17 2.56 2.28 0.58 1.28 - 0.32	3.24 1.90- 0.1 2.57 3.14 0.3 1.66- 0.4	2.02	0.82	1.82 4.78 0.0 5.95 3.54- 1.0 2.00- 2.5	1.92	- 2.41 - 0.35	0.77 0.77 2.29 1.79 1.57 1.84 0.28 2.69	4.95 6.08 1.6 2.39 9.32 5.5 8.48 5.	1 1.64- 2.8	2.92	0.50 4.16 4.55	1.58 0.16- 2.12 0.82 0.29- 1.90 0.32- 2.70	2.22 0.55-1. 5.70 2.07 0.1	37.60
MALDEN CAA AP R MANSFIELO MARBLE HILL MARSHALL MARSHFIELO	5.4+ 1.84 3.80-	0.07	2.79 1.70 3.37 0.29 -	2.94 2.23 2.37 - 1.9 2.91 - 0.0		- 2.31 1.04	3.80 4.93 4.35- 0.1 5.07 0.4		1.36	1.32 1.07 1.99- 2.03 0.30- 3.27 0.37	4.76 2.45 3.38- U.	2.42 2.81 3.71 - 0.1 - 2.71	2.35 5.42 2.79~ - 8.49	0.65	0.65 1.64 1.35= 2.20	6.96 5.76 6.19 4.:	37.43 34.66 2 43.34- 4.01 - . 35.73
MARTINSBURG MARYVILLE MEMPHIS MERCER 6 NW MEXICO	0.51 0.01- 0.37- 0.04 0.72-		0.89 1.71 0.28 1.27 0.30 1.00 0.90- 0.95	1.99 1.35- 0.5 2.37 0.0 1.83 1.66- 1.2		5.56 1.30	4.83 4.67 0.0 2.61-1.4 3.14 3.62-0.9	3.75	- 1.12	0.20 1.06- 4.17 2.07- 0.73 1.23 0.20- 3.01	5.53 11.13 7.1 6.62 2.6 6.75 6.14 2.1	1.27- 2.9		0.64 3.75 2.48	1.67 0.14= 1.78 0.40= 2.59 0.61 1.50= 0.73	1.91 0.86= 0.1 1.75 0.4 0.43 2.11 0.1	33.25- 1.10
MIDDLETOWN 5 NE MILAN MOBERLY RADIO KNCM MONETT MONROE CITY	0.38-	0.84	1.30 1.46 0.08 1.34- 0.18	1.74 1.64 - 0.6 1.75 - 0.9	3 6.69	- 0.68 2.66	2.76 7.48 2.6 3.61- 0.3	6 2.36	- 1.69 - 2.60	0.16 1.29- 1.79 1.09- 1.51 - 0.56- 3.10	5.33 7.03 2.7 7.27 3.4	6 2.21- 1.2	- 1	1.52 2.92	1.46 T - 2.18 0.25 - 2.29 0.47 1.15 - 1.17	1.88 1.05- 0.1 1.56- 0.1 5.74 1.83- 0.	34.78- 1.91
MOREHOUSE MOSELLE MOUNTAIN GROVE 2 N MOUNT VERNON 3 SW NEO SHO	4.47- 1.15 1.66-	0.44 1.07 0.87 0.44	2.55- 1.19 0.55 1.62- 0.61 1.29- 1.31 1.34- 0.65	3.40 - 1.5 1.60 2.60 - 1.2 1.61 - 2.2 1.50 - 2.0	1 1.75 2.87 7 2.34 8 4.91	- 3.10 - 2.18 0.46 - 0.20	6.35 2.0 3.29 3.09-1.3 4.55-0.9	7 5.41 3.08 7 2.31 16 1.06	1.18 - 2.63 - 4.20	0.55- 2.46 0.81 2.70- 1.19 1.25- 3.94 2.01- 2.64	6.32 2.4 3.03 2.23 - 2. 1.63 - 2.4 2.17 - 2.4	3.14 1 2.53~ 1.5 6.11 2.2	3.19- 5.50 4.40 7.87 7.40	0.34	0.81- 2.82 1.45 1.84- 1.11 0.47- 2.47 0.37- 2.93	7.51 3. 2.54 5.28 2. 5.20 2. 4.04 1.	29 44.52- 4.62 29.01 37 32.60-11.26
NEVADA NEW BOSTON NEW FLORENCE NEW MAORIO OOESSA	0.35- 0.57 0.77 6.06 0.20	0.57	1.44- 0.31 1.77 0.86 2.67- 1.08 2.50	1.25- 1.6 2.88 1.59 3.29- 1.5	2 4.69 4.66 4.11	0.40	4.48- 0.4 4.66 2.76 4.89 0.4	5 1.59 4.01 3.75	- 3.86	0.11- 3.55 2.77 1.17 1.12- 2.85	3.90 0. 8.08 5.15 2.79- 1.	3 2.68 1.6 3.07 3.15	8.04	0.63	0.53 - 1.62 0.20 1.62 1.26 - 2.77	3.34 1. E 1.48 1.76 6.79 2.	32.40- 7.43 E38.29 30.65
OREGON OSCEDLA 3 NE OWENSVILLE OZARK OZARK		0.89 1.35 0.60	0.86- 0.51 0.95- 0.77 0.86- 0.80 2.01 1.17- 0.63	0.81-1.1 1.25-1.9 2.45-0.8 2.01 4.40 1.3	3.74 7 3.90 2.22	1.08 - 0.64 0.59	3.45- 1.0 5.35- 0.1 3.87- 0.9 6.68 5.02- 0.2	2 1.25 3 9.92 1.77		1.03 - 3.15 0.25 - 3.61 1.28 - 2.34 0.49 2.57 - 0.82	11.44 7.4 3.60 - 0.4 4.49 0.6 1.67 1.69 - 2.6	7 2.22 - 2.5 5 2.40 - 1.0 3.91	8 · 86 4 · 80 7 · 09	2.44 5.70 1.37	0.04- 1.94 0.48- 2.30 2.04- 0.77 1.37 1.83- 0.94	0.62- 0. 3.86 1. 2.58 0. 5.64	73 32.59-10.34 25 E39.81 0.73 36.56
PACIFIC PALMYRA PARIS PARMA PERRYVILLE	0.80-	0.81E 1.28 0.99 0.48	1.73 - 0.01 1.73 - 0.01 1.12 - 0.31 2.47 - 0.41 3.76	1.02-2.6 2.32-0.3 1.77-0.5 3.76-1.6 1.56	6 5.40 0 7.15	- 1.20 1.67 4.68 - 2.15	2.76- 2.1 2.59- 1.7 2.71- 1.7 5.52 1.3	2 3.52	- 1.23 - 1.18 - 0.49	1.09- 2.55 2.23- 1.02 0.47- 2.17 2.15- 1.74 1.05	3.82 0.1 5.75 1.6 8.43 4.6 1.71- 2.6	1 1.25 - 3.5 15 3.13 - 0.1	4.88	1.49 2.52 4.94 0.32	1.43- 1.32 1.47- 0.77 0.59- 2.40 0.70- 3.77 2.14	2.61 0. 2.04 0. 2.09 0. 6.19 1. 6.15	0 E33.90- 3.41 21 38.03 5.20
PIERCE CITY PLEASANT HILL POLO POPLAR BLUFF PORTAGEVILLE	2.05 0.11- 0.40 4.24- 5.18	1.59	1.18 2.55 1.08 2.29 2.96 0.07 2.3*	1.67 3.29- 0.0 2.67 2.50- 1.8 3.30	3.55	- 2.33 - 2.67	7.05 6.58 4.87 7.11 4.43	4.12	- 0.56	2.78 1.10- 1.66 0.87 1.43- 2.51 1.68	1.95 9.11 5. 6.53 1.41- 3. 2.32	2.40	6.20	3.36	0.44 0.03- 2.13 T 1.61- 1.87	4.91 1.58= 0. 0.63 6.96 2.	34.53
PRINCETON PUXICO QULIN REYNOLOS RICHWOOOS	1 • 46 5 • 08 5 • 54 3 • 17 1 • 28	. 0 . 82	1.61 3.11 2.72 3.57 0.78 1.80	1.92 2.89 2.69 2.01 1.21- 2.2	5.11 3.16 1.45 2.04 1 2.82	- 1.68	3.44 5.42 4.48 5.29 2.92- 2.5	2 · 85 2 · 75 1 · 36 3 · 40 6 4 · 41		1.39 1.24 1.53 0.18 0.98- 1.56	6.85 5.60 1.32 3.88 3.66 0.3	1.30 3.65 2.94 1.00 2.62 - 0.9	4.42 5.13 2.26 7.58 4.59	2.21	0.12 1.12 1.43 1.42 1.78- 1.85	0.22 7.33 5.89 4.84 4.08 1.	E30.69 46.48 33.61 38.36 31.13- 9.82
ROBY  ROLLA SCHOOL OF MINES ROUND SPRING SAINT CMARLES SAINT JOSEPH WB AP R	1.47 1.27- 3.01 1.29- 0.07-	1.19 0.86 1.08	1.37 0.93-1.12 2.82 0.84-1.15 1.72 0.71	1.96 1.89- 1.7 2.49 1.54- 1.6 1.45- 0.7	2.09	- 0.39 - 0.90 0.59	5.88 5.36 0.6 5.80 2.27- 2.6 5.04 0.6	2 • 43	0.83	0.27 2.32 1.07 0.64 1.33 1.66 1.79 1.30	3.23 4.46 0.6 2.97 5.23 0.6 10.35 6.6	9 3.93 0.0	2.73	1.65	1.72 1.79- 0.89 1.32 1.56- 0.55 0.06- 1.94	5.09 3.17 0. 4.97 1.38- 0. 0.38- 1.	E32.04 30.68- 6.81
SAINT LOUIS W8 AP R SAINT LOUIS W8 CITY R SAINT LOUIS UNIVERSITY SAINT LOUIS WASH UNI SALEM	1.23- 1.51- 1.92- 1.89 1.63-	0.68	0.67 - 0.99 0.62 - 1.26 0.66 - 1.65 0.63 - 1.64 1.56 - 0.72	1.14- 2.2 1.10- 2.5 1.13- 2.2 1.22- 2.5 2.20- 1.6	4 3 00	- 1.52 - 1.01 - 1.10 - 2.25 - 2.80	2.50- 1.5 2.80- 1.5 2.32- 1.8 2.34- 2.5 6.27 1.5	0 2.75 7 3.62 7 3.32	- 1.66 - 1.05 0.03 - 1.82 0.36	1.66- 1.52	3.93 0.	6 4.75 1.3 2 3.16-0.6 2 4.76 1.4	3.76 5.20 5.24	0.85 0.86 2.04 2.55 2.57	1.19- 1.38 1.37- 1.35 1.41- 1.13 0.97- 2.76 1.25- 1.39	2.27= 0. 2.95 0. 2.37 0.	30.41- 6.50 30.48-11.40
SALISBURY SAVERTON L AND 0 22 SEGALIA SELIGMAN SEYMOUR 4 NNE	0.72 1.34- 0.69- 2.00- 1.79-	1.56	2.57 0.84- 0.63 1.11- 1.03 1.25- 0.59 1.20- 0.98	2.28 2.27- 0.8 1.19- 1.6 3.00- 0.6 1.85- 1.8	4 3.73 0 2.91	1.71 0.00 1.15 - 2.72	5.20 1.53-3.8 5.60 1.0 5.21-0.2 5.12 0.2	6 2.89	- 3.64 - 2.39 - 3.92 - 3.70	0.64 1.90- 0.48 1.55- 2.89 2.31- 1.81 0.57- 3.37		8 3.37 1.5 2 4.22 0.5	5.53	0.58 2.85 0.98 1.56	0.19 2.01- 1.14 0.21- 1.41 1.21- 1.88 1.66- 1.23	5.55 3.	34.94- 5.93 35.11- 8.12
SHELBINA SHELBYVILLE SIKESTON SIKESTON CROP EXP FARM SILOAM SPRINGS	0.87- 0.65- 4.66- 4.58 4.09	0.92	1.82- 0.02 1.45 0.06 2.54- 0.68 2.37 1.98	2.03- 0.7 2.29 0.0 3.32- 1.1 .3.16 4.37	4 6.01	1.10 3.29 - 2.66	2.77-1.5 3.59-1.6 5.35 1.1 4.77 4.87	3 2.34		1.94 1.93 1.00 1.72 0.39 3.33 0.94 3.56	6.88 3. 7.62 3. 5.28 1.4 4.54 1.70	9 1.57- 1.5	5.75	3.59 3.63 0.42	0.40- 1.70 0.57- 2.41 0.68- 2.88 0.71 1.73	0.98- 0.	33.82- 0.31
SPRINGFIELD #8 AP R// STEFENVILLE 2 N STEFFENVILLE STOVER SULLIVAN 5 E	1.64- 1.11- 0.69- 0.91- 1.16-	Q.95 1.32 0.77	1.43-0.33 0.94-1.23 1.86 0.09 1.47 0.04 0.56-1.89		6 2.73 2 4.99 1 3.74	- 0.41 - 1.75 1.41 - 0.08 - 1.58	6.12 1.1 2.80 - 1.3 3.22 - 1.3 4.87 0.0 4.13 - 1.6	5 5 · 34 5 5 · 01 6 1 · 63	- 4.46 1.18 0.47 - 3.72 - 1.87	2.45 0.72 1.98 1.18 1.56 2.55 3.30 0.05 2.01 0.91	2.84- 1. 4.01 0. 10.57 6. 5.75 1. 2.82- 0.	1.36-2.0 1.78-2.7 1.33-41-0.6	5 5.04 4.56 6.05	3.35 1.79 1.83 2.03 2.81	1.02- 1.73 2.05- 0.69 0.51- 1.68 0.21- 2.57 1.68- 1.61	1.27- 0. 2.86 0.	94 E32.67- 5.93 2 38.71- 0.03
SUMMFRSVILLE SUMMFR 2 SW SWEET SPRINGS TAPRIO TECUMSEM 2 N	2.52 0.80 0.40 0.01- 4.56	0.73	2.40 2.75 1.67 1.14 0.14 2.53	2.55 3.19 1.63 0.86 0.8	1.93 2.61 4.82 1 3.81 1.93	0.57	4.53 3.43 5.86 5.51 4.57	3.92 3.52 3.61 7 5.17 1.95	0.21	1.04 0.65 0.97 0.94 3.21 3.05	2.92 7.11 7.05 8.03 1.82	1.50 0.72 1.71 0.77 - 3.4 3.30	4.70 2 9.66 4.62 3.47 5.36	0.66	1.22 0.02 0.14 0.14 1.60	4.86 1.31 2.77 0.39- 0.	34.09 E35.77 35.31 30.24-3.99 41.04
TOPAZ 4 NE TRENTON TROY UNION 1 SE UNIONVILLE	2.82 0.09- 0.87- 1.69- 0.13-	1.13	1.48 1.43- 0.15 0.8- 0.69 0.63- 1.57 1.33- 0.44	2.94 1.64- 0.8 1.48- 1.2 1.12- 2.1 3.94 0.5	4 3.88 8 3.97	0.13 0.87 0.39 3.08	2.75 3.74-0.9 2.66-1.2 2.52-2.0 3.98-1.2	1 4.45	- 1.04	4.68 0.41 - 3.66 0.81 - 1.54 1.63 - 2.31 1.12 - 3.00	1.56 8.60 4. 5.42 1. 2.61- 2. 7.65 3.	8 3.67 0.4 9 2.32 1.8	5 - 13	1.96 2.42 1.39 1.54	1.30 0.09- 2.03 1.22- 1.77 1.30- 1.45 0.16- 2.04	4.60 0.49- 0. 1.69- 0. 2.00- 0. 0.40- 1.	32.14- 1.78 21 27.18-15.11
VALLEY PARY VAN BURFN 1 S VANDALIA VANZANT 4 SE VFRSAILLES	3.05	0.68	1.20	1.07- 2.3 		1.30	2.29 2.1 6.07 1.6 2.30 4.35		- 1.23	1.47- 1.45 - 3.66 3.77	3.79- 0.5 	2.37 1.79 3.45	5.49 5.06 5.80	1.82	1.18- 1.42 0.89- 2.27 1.39 1.52 0.65	2.77 6.78 1.53 5.12 3.32	

Table 2-Continued

	Janua	ıry	Febr	uary	Max	ch	Ap	ril	Ma	У	Ĵun	•	Jul	у	Aug	ust	Septer	mber	Octo	ber	Nove	mber	Decer	nber	Ann	ual
Station	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Departure	Precipitation	Denamile
ICMY CAA AP ACO APPAPELLO DAM ARREMSBURG CENT T COL ARREMTON I N	1.48 0.96 4.91 0.18 0.87	1.60	1.53	- 0.56 - 0.35 - 1.41	1.12-	1.36 - 1.97 - 1.94	2.92	- 4.05 - 0.74 1.11	5.17	0.45	3.50-	1.56	1.47	1.90	6.89	1.75 2.92 0.71		1.14 - 3.32 - 1.54	6.28		Т	- 2.01 - 2.22 - 1,00	2.46	0.92	36.82 29.83 41.68 E32.98 31.07	- 3. - 6.
ARSAH NO 1 ARSAH NO 2 ASOLA AVERLY AYNESVILLE 2 H	0.85- 0.78 2.56 0.28- 1.68		1.04	0.97	1.50	0.22	1.63	- 0.19	5.91 5.47 2.00 4.64 3.23	0.91	1.38- 1.37 1.00 2.23- 2.46		2.09- 1.24 2.11 0.32- 1.82	4.06	4.87 4.24 1.01 7.21 4.55	3.52	2.77	- 2.43	3.91	0.29	0.27	- 2.28	2.95	0.86	36.41	-10.
ERSTER GROVES EINGARTEN EST PLAINS ILLIAMSVILLE ILLOW SPRINGS	1.50 1.80 4.88 4.39- 3.11-		3.52	- 0.69 0.88 - 0.49	3.75-	0.84 0.15 1.12	1.66	- 2.98 - 3.06 - 1.46		0.63 0.34 1.51	5.70 4.65 1.03- 2.56- 4.57-	3.27	0.40 2.34 3.63 1.30 5.76			2.25	3.97	1.24 0.60 1.67	4.72		1.40	- 3.25 - 2.19 - 1.93	8.44	2.77 4.08 2.54	43.61	- 4. - 7.
NOSCR 3 NH LMA 5 E	0.30	0.61	0.83 3.24	- 0.52	0.68 2.58-	2.23	2.27	- 3.16	5.85 5.38	0.78	2.38 4.89	0.71	3.10	1.82	5.86	0.22	3.33	1.53	7.50 3.19	0.15	0.13	- 2.56	2.01 7.85	4.99	34.24 43.80	
TION AVERAGE	. 73-	0.58	1.72	- 0.38	2.03-	1.24	3.78	- 0.26	4.37-	0.43	3.21~	1.59	1.40-	2.14	5.06	1 28	2 47	- 1 63	5 35	2 41	0.84	- 1 80	3 37	1 10	26 23	- 1

### CHANGES IN STATION NAMES

## NEW NAME

Alton Ellsinore 1 N Hamilton Van Buren 1 S Williamsburg 2 WSW

### OLD NAME

Alton 6 ENE Ellsinore Kidder Van Buren Williamsburg

### DATE

March February May March April

### RELOCATIONS

Alton
Bunker
Caruthersville
Deering
Ellsinore 1 N
Fisk
Fredericktown
Forsyth
Hamilton
Lees Summit 1 N
Malden 3 N

Martinsburg
New Madrid
Nevada
Odessa
Owensville
Qulin
Roby
Valley Park
Van Buren 1 S
Williamsburg 2 WSW

Rain gage moved 5.5 miles WSW Rain gage moved 25 feet N Rain gage moved 60 feet SE Rain gage moved 84 feet NW Equipment moved 0.5 mile N Equipment moved 800 feet W Rain gage moved 110 feet NE Recording gage moved 1.6 miles WNW Equipment moved f les ESE from Kidder Recording gage mov 45 feet NW Recording gage mo 0.9 mile from Malden CAA Airpor Rain gage moved 340 feet ENE Equipment moved 0.3 mile NNE Equipment moved (). iile NNW Rain gage moved 0 wile WNW Rain gage moved feet NE
Rain gage moved feet NE
Rain gage moved feet NE
Rain gage moved mile SE Rain gage moved Rain gage moved 700 feet S Rain gage moved 2 miles SW

March 5
February 1
January 26
March 8
August 24
May 19
October 15

January 29
July 23
January 20
November 19
November 17
February 10
January 28
November 5

March 18

March 11 April 14

March 10

November 1

January 28

							Last	apr	ing mi	nimı	ım of						Fi	rst fe	ll mini	mun	n of							f days	
Station	15				16° d		20° or below		24° d		28° d		32°		32° belo		28° d		24° belo		20°		16° d		pelow	below	below	below	below
	Highe	Date	Lowest	Date	Date	Temp.	Date	Тетр.	Date	Тепр.	Date	Temp.	Date	Тетр.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	16° or 1	20° or 1	24° or ]	28° or 1	32° or b
AOVANCE 5 E5E ALBANY AMITY ANOERSON 1 SW APPLETON CITY	106 109 111 112 116	7-14 7-13 • 7-14+ 7-14 7-14	- 9 - 6		1-18 3-16 3-15 4-1 3-14	13 15	3-29	20	4- 1 4- 3 4- 3 4- 1 4- 1	21	- 4- 4 4- 4 5- 4 4- 1	27	5- 4 5-20	30	10-30	32 28 31	10-17 10-31 10-30 10-30 10-30	28	10-31	22	11- 2	18	11-29	16	290	231 216 218 215 279	211	- 210 209 179 212	167 179
ARCAOIA BETHANY 8IRCH TREE BLACK 6 NW BOLIVAR	108 108 110 109 115	7-14 7-17 7-14 7-14 7-14	- 9 - 1 - 4 4	1-11	3-16 3-4 4-1 3-4	15 15	3-29 4- 1 4- 1	18	4- 1 4- 3 4- 1 4- 1 3-15	18 15	4- 1 4- 4 5- 4 5- 4 4- 1	26 28 28	5-21	131	10-17	29 32 32	11- 2 10-31 10-30 10-19 11- 2	20 25 28	10-31 11- 2 11- 1	20 20 24	10-31 11- 2 11- 2	20 20 20	111- 3	114	1216	1215	1214	1168	1149
BOONVILLE WTR WRK5 BROOKFIELO BRUNSWICK BUTLER BUTLER CAA AP	110 116 113 117 117	7-15 7-14 7-14 7-14 7-14	0 - 3 - 1 3 - 2	1-17 1-21 1-12+	3-6 3-5 2-12 3-15 3-14	15 15 16	3-16 3-15 2-12 3-15 3-15	18 15 16	3-30 4- 3 4- 3 4- 1 4- 1	24	4- 4 4- 3 4- 3 - 4- 3	24	4- 4 5- 4 5- 4 5- 4	32	10-29	32	11- 2 10-31 10-31 10-30 10-31	25	11- 2 11- 2	20	11- 2	20	12-10	16	280 321 290	265 232 301 279 279	213 213 215	211	178
CALIFORNIA CAMOENTON CANTON L ANO O 20 CAPE GIRAROEAU MO STATE CAPLINGER MILL5	- 115 109 104 116	- 7-14 7-14 7-14 7-14	- - 1 - 3 4 4		3-15 3-6 2-12 3-16	15 16	3-31 3-16 3-15 3-16	20	3-31 4- 1 3-16 4- 1	- 19 24 23 21	- 5- 4 4-16 4- 1 4- 1	26 25	5- 4 5- 4	32	10-16 10-18 10-30	32 32 30	11- 2 10-30 10-30 11- 2 10-30	22 26 22	10-30 11- 2 11- 2	22 24 22	11- 2 12- 6	15	11- 2	16	232 289 - 289	265	215	- 179 197 215 212	167 179
CARROLLION CARTHAGE CARUTHER5VILLE CHARLESTON CHILLICOTHE RAOIO KCHI	114 115 104 105 111	7-14 7-14 8-16 8-16 7-14	- 3 2 14 6 - 4	1-23 1-13 1-12	3-14 3-15 1-13 1-17 3-16	16 14 14		20	4- 3 4- 1 3- 4 3-16 4- 3	22	4- 3 4- 1 3-16 4- 1 4- 3	19 27 25	5- 4 5- 4 4- 1 5- 4	1-1	10-30	32	10-30 11- 2 11- 2 11- 2 10-30	25	11- 3	22	NONE	1 1	NONE		-	-	232	210 215 231 215 210	-
CLEARWATER OAM CLINTON 1 NNW COLUMBIA WB AP CONCEPTION CRYSTAL CITY 1 N	109 115 113 108 116	7-14 7-15 7-12+ 7-13 7-14	7 -1 -12 4	1-11+ - 1-12+ 1-21 1-12	3-4 3-15 3-4 3-15 3-6	14	4- 1 3-15	17	4- 1 4- 1 4- 1 4- 4 4- 1	23	4- 2 4- 3 4- 3 4- 4 5- 4	28	5- 4 - 4- 3 5- 4	29 - 26 30 28	10-19 10-30 10-30 -	32 25 31 - 30	10-30 10-30 11- 1 10-30 10-29	27 25 25 27 27	11- 2 11- 2 11- 2 10-31 11- 2	21 20 23 21 22	11- 3 11- 2 12-10 11- 2 11- 3	18 20 20 16 16	12-20 - 12-30 11- 2 11- 3	13 - 8 16 16	291 - 301 232 242	215 215 270 213 216	215 215 215 210 215	211 210 212 209 178	168 210 168
OONIPHAN EOGERTON ELOON EL5BERRY FARMINGTON	110 110 115 116 108	7-18 7-13+ 7-14 7-15 7-14	- 7 2 0 3		3-16 3-16 3-5 3-6 3-4	15 14	3-16 3-15 4- 1	19 15 17 18	4- 1 4- 3 3-30 4- 1 4- 1	19 22 24 18 20	4- 2 4- 4 4- 3 4- 3 4- 1	27 27	5- 4 5- 9 5- 4 5- 4	29 31 32 31 31	10-16 10-28 10-30 10-19 10-21	32 32 28 31 32	10-30 10-30 10-30 10-30 11- 2	25 26 28 27 20	11- 2 10-31 11- 2 11- 2 11- 2	22 21 20 23 20	11- 3 11- 2 11- 2 11- 3 11- 2	17 19 20 18 20	12-20 12-13 12-30 12-20 NONE	16 12 13 16	279 272 300 289	216 231 232 216 215	215 211 217 215 215	211 209 210 210 215	165 172 179 168 170
FARMINGTON CAA AP FAYETTE FOUNTAIN GROVE WILOLIFE FULTON 4 5W GRANT CITY	107 113 110 116 108	7-14 7-14 7-14 7-15 7-20	- 1 - 6 1 -12	1-21 1-12+	3-4 3-15 3-16 3-6 3-14	12	4- 1 3-16 3-16 3-17 3-30	20	4- 1 4- 3 4- 3 4- 1 4- 3	17 23 23 24 22	4- 1 4- 3 4- 4 4- 4	28	4- 3 5- 4 5- 4 5- 4	32 31 32	10-19	31 30 31 32	10-30 10-31 10-30 11- 2 10-30	28 26 28 22	11- 1 11- 2 10-31 11- 2	23 21 22 22	11- 2 11-26 11- 2 11- 3	20 17 17 20	NONE 12-10 - 12-30	16	270 - 299	215 255 231 231	214 213 211 215	212 211 209 212	199 179 167 179
GREENVILLE 4 NNW HAMILTON ' HANNIBAL WATERWORKS HARRISONVILLE HERMITAGE	10'8 109 114 115 116	7-14 7-14 7-14 7-14 7-14	- 4 - 4 - 9	1-11 - 1-12 - 12-30	2-12 - 3- 5 3- 4 4- 1	16 - 9 11 10	3-15 3-15	17 - 18 18	4- 1 - 4- 3 3-30 5- 4	21 - 24 24 24	4- 2 	27 - 24 26 28	5- 4 5- 4 5- 4 5-21	31	10-17 10-30 10-29 10-30 10-23	27 29 26	10-30	27 27 26	11- 2 10-31 11- 1 10-31 10-30	24 23 24	11- 3 11- 2 11- 2 11- 2 11- 3	20	12- 7 12-30 12-30 - 11- 3	10	300	232 232	212 215	210 210	- 178 179
HOUSTON JACKSON JEFF CITY RAOIO KWO5 JOPLIN CAA AP KANSAS CITY WB AP	109 106 112 115 115	7-13+ 7-14+ 7-14 7-14 7-13	3 1 3 7 - 3	1-12 1-13 1-12+ 1-21+ 1-21	3- 6	15 11 16 15 15	3-4	19	4- 1 4- 1 4- 1 3-15 3-30	19 23 22 19 24	4- 1	28 23 28 28 28	5- 4 5- 4 5- 4 4- 1 4- 4	30	10-30	30	10-31 11- 2 11- 2 11- 1 11- 1	22	11- 2 11- 2	22 23	11- 3 12-13 12-30	19 20 18	12-30 NONE 12-30 NONE NONE		=	290	215 215 232	180 215 213 214 212	179 179 212
KENNETT RADIO KBOA KIODER	114 108 - 109	7-14 7-18 - 7-14	- - - - - 5	- 1-21 1-10 - 1-12	1-13	16 14 14	1-18 2	0	3-15	24 23 - 20		24 26 - 25	- 5- 4 4- 1	31 26	10-30	29 1 28 1	10-30 10-31 10-30 -	26   1 28   1	1- 2	21 23	12-13 11- 3	17 18	12-30 NONE	12 .	-	- 1	-	- 1	- 179 212 -
KOSHKONONG LAKESIDE LAMAR	108 105 114 116 109	7-14 7-14+ 7-15 7-15 7-13	- 5 9 4 3 - 7	1-12+ 1-12 1-12+ 1-21 1-21	3-16	15 - 16 16 13	4- 1 1	20	3- 4	21 24 18 20 24	3-15 4- 1	18	5- 4 4- 1 5- 4 5- 4 5- 4	30 32 30 32 29	10-18 10-30 10-30 10-30 10-28	32 1 29 1 30 1 30 1	10-31 11- 2 11- 2 11- 2 10-31	21 1 21 1 23 1 22 1 26 1	0-31 1- 2 1- 2 1- 2 1- 1	21 21 23 22 20	11- 1 11- 3 11- 6 12- 2 11- 1	19 20 19 20 20	12- 6 NONE 12-30 12-30 12-10	15 6 10 16	265 289 291 270	230 219 245 231	211 243 215 215 211	210 232 215 214 210	167 212 179 179
LEXINGTON LICKING 4 N LOCKWOOD	113 113 114 116 115	7-14 7-15 7-15 7-14 7-14	- 3 4 5 0	1-12 1-21 1-12 1-12 1-12+	3-15 3-15 3-6 3-15 3-6	16 16 15	3-15 1 3-16 1 4- 1 2 3-15 1 4- 1 1	7 0 5	4- 1 4- 3 4- 1 4- 1 4- 3	24 20 23	4- 1 4- 4 4- 1 4- 1 4- 3	26 20 23	5- 4 4- 4 5- 4 5- 4	29 26 29 31	10-29 10-17 10-30 10-30	31 1 32 1 28 1 30 1	10-30 10-31 10-30 11- 1	28 1 26 1 28 1 26 1	1- 1 1- 2 1- 2 1- 2	20 1 21 1 21 1 22 1	11- 1 12-13 11- 3 12-19	20 1 17 1 20 1 20 1	12-30 12-30 12-30 12-30	15 13 6 15	290 290 299 290	231 272 216 279	214 213 215 215	212 210 212 214	178 196 179 179
MALOEN CAA AP MARBLE HILL MARSHALL	112 112 108 112 110	7-15 7-18 7-18 7-14 7-14	- 6 7 0 -	1-17 1-12 1-13 - 1-12	3-17 1-17 3-16 3-15 3-14	14 15 15	4- 3 1 3- 4 2 4- 1 1 3-16 2 3-15 1	9	4- 4 3-16 4- 1 4- 1 4- 1	24 19		26 28 25	4- 1 5- 4 5- 4	26 1 28 1 31	10-30	29 1 30 1	.0-31 2 .1- 2 .0-21 2 .0-30 2	23 1	1- 2	23 21 -	NONE 11- 3	15 1	NONE 11- 3	15	232	216	231	215	212 166
MEMPHIS MEXICO	107 106 116 112	7-13+ 7-15+ 7-15 7-14	-11 - 5 - 1 - 1	1-21 1-12+ 1-17+ 1-12	3-15 3-15 3-15 3-15	16	4-3 2 3-17 1 3-16 1 3-16 1	8	4- 3 4- 4 4- 1 4- 3	22	5- 4 4- 5 4- 3 4- 3	25	5- 4	32 ]	10-19 :	32   1	0-30 0-30 1- 2 0-31 2	21   1	1- 2 .	21   1	12-10	18 1	.2-30	9/2	290	269	215	213 :	168
MOUNT VERNON 3 5W NEOSHO NEVAOA	108 114 112 116 114	7-13 7-14 7-14 7-14+ 7-14	3 7 - 4 5 0	1-12 1-12+ 1-22 1-12+ 1-12+	3- 4 3-15 3-15 3- 4 3-15	14	3-15 1 4- 1 1 3-16 1 3-15 1 3-16 1	9 8 7	4- 1 4- 1 3-16 3-15 4- 1	19 18 17	4- 1 4- 1 3-30 4- 1 4- 3	22 19 28 26	5- 4 5- 4 5- 4 4- 3 5- 4	29 1 29 1 29 1 32 1 30 1	.0-30 .0-30 .0-30 .0-30 .0-30	28 1 28 1 26 1 30 1 28 1	0-30 0-30 0-30 2 0-31 2 0-30 2	8 1 8 1 6 1 8 1 8 1	1- 2 1- 2 1- 2 1- 2 1- 2	20 1 22 1 22 1 22 1 21 1	11- 2 12- 2 11- 3 12-19 12-10	20 1 20 1 20 1 20 1 17 1	2-30 2-30 2-30 2-30 2-20	14 3 12 2 5 2 9 3	301 290 290 301 280	232 245 232 279 269	215 215 231 232 215	212 1 212 1 214 1 213 2 210 1	.79 .79 .79 .79 .79
OZAPY 8FACH PERP CVIL E POPLAR BLUFF	106 116 107 105 105	7-18 7-15 7-14+ 7-14+ 7-18+	-10 10 0 10 10	1-21 1-23 1-13 1-13 1-12	3-15 3-4 1-18 1-18 1-17	15 14 16	3-29 3-16 1 4-1 2-4 1-17	9 9	4- 1 4- 1 4- 1	22	4- 4 4- 1 4- 1 4- 1 3-15	26 22 20 24	5- 4 5- 4 4- 1 4- 2	29 1 31 1 20 1 29 1	0-29 0-30 0-21 0-21	27 1 28 1 32 1 32 1	0-29 2 0-30 2 1- 2 2 1- 2 2	7 1 8 1 2 1 2 1	0-30 1- 2 1- 2 1- 2	24 1 22 1 22 1 22 1	.1- 2 .1- 3 .1- 3	18 19 19 19		13 3	01		213 2	208 1 212 1 215 2	78 179 203
POLLA SCHOOL OF MINES ST CHARLES ST JOSEPH W8 AP	107 113 115 107 115	7-18 7-15 7-14 7-13 7-14	-10 3 4 - 7 3	1-21 1-12 1-12 1-21 1-12	3-16 3-4 3-5 3-15 3-5	16	4- 3 1 3-15 2 3-15 2 3-15 1 3-15 1	5 4	3-15 4-1 4-3	20	4-8 4-1 4-1 4-3 4-1	26 24 23	5- 4 4- 3 5- 4	32 1 29 1 32 1	0-30 2 0-30 2 0-30 2	9 1	0-31 2 1- 2 2 1- 2 2 0-31 2	0 1 3 1 5 1	1- 2 2 1- 2 2 1- 2 2	20   1 23   1 21   1	1- 2 2-20 2-10	20 1 20 19 1	2-30 ] NONE 2-29 ]	15 3	89	232 2 280 2	232 2 215 2 213 2	215 1 215 2 211 1	79 10 79
ST OUTS UNIVERSITY ST OUTS WASH UNIV SA EM		7-14 7-14 7-15 7-15 7-14	5 3 0	1-12 1-12 1-12+ 1-12 1-12+	3- 4 3- 4 3- 5	16	3-51 3-51 3-62 4-12 3-161	9 :	3-15 a 4- 4 a 4- 1 a	22	3-30 3-30 4-4 4-1 4-3	27	4- 3	30 1	0-30 3	2 1	1- 1 2 1- 2 2 - 0-30 2 0-31 2	4 1	1- 2 2	24	NONE NONE 2-20 1- 2 1-26	20	NONE NONE NONE 2-20 1 2-13		- 12	- 2	32 2	216 2 217 2 - 2 212 1 211 1	10

							Las	t spr	ing mi	nim	ım of						Fi	rst fe	all mini	шип	of						een oen		
Station	¥				16° c		20° c		24° d belo		28° o		32°		32° belo		28° delo		24° delo		20° belo		16° d		below	below	below	pelow	helow
	Higheet	Date	Lowes	Date	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	Date	Temp.	16° or 1	20° or	24° or ]	28° or 1	30° 00 1
SAVERTON _ ANO D 22 SEOALIA SELIGMAN SELMOUR 4 NNE SMELBINA	110 116 109 112 112	7-14 7-14 7-14 7-14 7-14	1 2 - 2 - 2	1-12+ 1-12+ - 1-12 1-17	3- 5 3-15 3-15 3- 4 3-16	15 16 12	3-14 3-15 3-15 3-14 3-16	15 16 19	3-21 3-30 3-15 3-30 4-3	24 16 24	4-3 4-3 4-1 5-4 4-3	26 26 28	5- 4 5- 4	31 30 28	10-30 10-28 10-31	29 31 30	10-31 10-30 11- 2	25 26 20	11- 2 11- 2 11- 2	20 19 20	11- 2 11- 2 11- 2	20 19 20	12-30 12-13 - 12-30 12-10	16 - 15	273	232	217 232 217	182	17
SIKESTON SIKESTON CROP EXP FARM SPRINGFIELD W8 AP STEFFENVILLE SWEET SPRINGS	104 103 113 111 115	7-15+ 7-14 7-14 7-14 7-14	7 6 5 - 3 - 2	1-12+ 1-12+ 1-12 1-12+ 12-30	1-18 1-17 3- 4 3-14 3-16	13 14 16	3- 4 3- 4 3- 4 3-16 3-16	20 14 17	3-16 3-15 3-16 4-3 4-1	22 24 23	4- 1 4- 1 4- 1 4- 4 4- 3	28 25 28	4- 2 5- 4 5- 4	32 32 32	10-18	29 29 32	11- 2 11- 1 10-30	23 26 27	11- 2 11- 2	23	12-19	18	NONE NONE 12-30 12-6 12-10	16	301 267	291 290 255	211	215	17
TARKIO TRENTON UNION 1 5E UNIONVILLE VANDALIA	106 110 118 104	7-17 7-14 7-14 7-20	-11 - 4 3 - 8	1-21 1-20 1-12 1-21	3-15 3-14 3-16 3-14	16		19	4- 4 4- 3 4- 1 4- 3	22	5- 4 4- 4 4- 1 4- 4	28	4- 4 5- 4	28 30 29	10-30 10-19 10-30	22 30 32	10-30 11- 2 10-31	22 23 24	10-30 11- 2 10-31	22 23 24	11- 2 11- 3 11- 2	20 17 18	11- 2 12-30 12-20 12- 6 12-30	11 16 14	291 279	231	210	209	20
VERSAILLES VICHY CAA AP WAPPAPELLO DAM WARRENSBURG CENT T C WARRENTON 1 N	115 113 109 116 114	7-14 7-18 7-19 7-14 7-14+	3 1 10 3 1		3-14 3-15 1-18 3-4 3-5	16 13 15	3-15 3-15 3-4 3-15 3-15	16 19 19	4- 1 3-31 3-15 3-15 4- 1	24 24 19	4-3 4-1 4-1 4-3 4-3	26 27 27	5- 4 4- 1 4- 3	31 27 27	10-30	32 31 32	10-30 11- 2 10-31	28 25 27	11- 1 11- 3 11- 2	21 24 22	11- 2 12-20 12-13	18 19 19	12-30 NONE 12-30 12-20	13	290	232 291 273	215 215 233 232 215	212	16 21 21
MARSAM NO 1 MASOLA WAYNESVILLE 2 W WEBSTER GROVES MEINGARTEN	118 111 115 117 107	7-14 7-14 7-14 7-14 7-14	6	12-30 1-12 12-30 1-12 1-12	3-16 3-4 4-1 3-5 3-4	15 15 15	4- 1 3-15 4- 1 3-15 3-15	20 15 19	4- 1 3-31 4- 1 4- 1 3-15	24 15 24	4- 1 4- 1 5- 4 4- 1 4- 1	27 28 24	5- 4 5-10 5- 4	32 32 30	10-30	27 32 28	10-30 10-30 10-30	27 28 28	11- 5 11- 2 11- 2	23 22 21	12- 2 11- 3 12- 9	20 17 20	12-10 12-30 12-10 - NONE	10	301 253	262 216 269	219	212 179 212	17 16 17
WEST PLAINS WILLOW SPRINGS WINDSOR 3 NW	107 108 115	7-14 7-14 7-14	6 4 2	1-12 1-11 1-12	1-23 3- 4 3-14	14	3-16 4- 1 3-15	20	4- 1 4- 1 4- 1	20	4- 1 4- 1 4- 3	20	5- 4	30	10-29 10-23 10-30	32	10-30	25	11- 2	120	11- 2	20	NONE 11- 3 12-30	16	244	215	215 215 215	212	17

# TOTAL EVAPORATION AND WIND MOVEMENT

Table 4

Station		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dea.	Annual
COLUMBIA W8 AP	EVAP	-	_		5.66	6.15	7.77	12.15	6.92	6.03	3.288	-	-	-
	OEP	-	-	-	+1.24	+1.00	+1.24	+4.45	+0.38	+1.26	+0.19	-	-	-
	MIND	~	-	-	2256	1747	1397	1787	1673	1257	1696	-	-	-
	MAX	-	-	-	74.5	77.7	94.6	98.4	92.7	84.6	67.8	- 1	-	-
	MIN	-	-	-	50.2	53.5	68.5	72.0	70.0	60.5	50.0	-	~	-
LAKESIOE	EVAP	0.978	2.05B	3.03	6.11	5.58	8.12	10.04	7.16B	6.89	3.40	2.12	1.208	56.67
64463.00	DEP	-0.38	+0.29	-0.49	+0.73	-0.77	+0.90	+1.33	-0.37	+1.34	-0.53	+0.21	+0.12	+ 1.61
	WINO	1883	1813	2222	2004	1605	1321	1279	1235	1281	1654	1454	1976	19727
ST. LOUIS WASH UNI	EVAP	_	_	2.558	5.53B	5.06B	6.90	9.02	5.87	5.568	2.208	-	_	-
311 20013 111011 0111	DEP	_	_	-0.19	+1.43	+0.13	+1.08	+2.18	+0.04	+1.05	+0.71	-	_	
	WIND	_	_ :	13578		8728		786	582	532	578	-	_	-

MAX AND MIN IN TABLE 4 REFER TO AVERAGE MAXIMUM AND AVERAGE MINIMUM TEMPERATURE OF WATER IN PAN.

							oord	Or C	ened losed	n.								Year		or cl	bead losed	1954
Station	Index No.	County	Drainage Latitude	Longitude	Elevation	Temp.	Precip.	47	Month closed	4 .	Station	Index No.	County	Drainage	Latitude	Longitude	Elevation	Temp.	Precip. Evap	-	Month closed	4.
AOVANCE 5 ESE ALBANY ALTON AMITY AMSTERDAM	0051 0127 0143	STODDARO GENTRY OREGON DE KALB BATES	10 37 06 4 40 15 1 36 42 4 39 52 9 38 21	89 50 94 20 91 24 94 26 94 35	355 872 860 1620	17 13 8	17 25 14 19			1 2 3 C 1 2 3 C 1 2 3 G	JOPLIN CAA AP KAHOKA KANSAS CITY WB AIRPORT K C ST JOHN-ELMWOOD K C GREEN HAVEN WESY	4359	JASPER CLARK CLAY JACKSON CLAY	6 7	37 10 40 25 39 07 39 06 39 12	94 30 91 43 94 35 94 32 94 33	982 741 882		49 25 65	0C 7		1 2 3 2 1 2 3 C 1 2 3
ANDERSON 1 SW ANNAPOLIS 7 SW APPLETON CITY ARCADIA ASHTON 1 W	0179 0204 0224	ST CLAIR	8 36 38 1 37 20 9 38 12 10 37 35 6 40 27	94 27 90 47 94 02 90 37 91 49	800 926	50 59 73	55 10 62 76			1 2 3 C 1 2 3 C 1 2 3 G	KC 75TH HOLMES K C 37TH RAYTOWN RO KANDAS CITY U 2F KC KENNETT RADIO KBOA KEYTESVILLE 4 NE	4374	JACKSON JACKSON JACKSON DUNKLIN CHARITON	10	39 00 39 03 39 02 36 13 39 27	94 35 94 30 94 35 90 04 92 52	908 265	16	16 2 6			2 3 C
AUXVASSE AVA RANGER STATION BEOFORO 1 S BELLEVIEW BERNIE	0365 0503 0539	CALLAWAY 00UGLAS LIVINGSTON IRON STOODARD	7 39 00 12 36 57 4 39 41 5 37 41 10 36 40	91 54 92 40 93 23 90 41 89 58	1060		11 9 18 9			2 6 2 6	KIDDER KING CITY KIRKSVILLE RADIO KIRX KIRKSVILLE CAA AP KOSHKONONG	4545 4544 4549	CALDWELL GENTRY AOAIR ADAIR OREGON	6	39 47 40 03 40 13 40 06 36 35	94 06 94 31 92 35 92 33 91 39	1010 1095 966 958	65 15	65 46 72 15 54		ма у	1 2 3 2 1 2 3 1 2 3 C
BETHANY BIRCH TREE BLACK 6 NH BLOOMFIELD BOLIVAR	0668	STOODARO	4 40 16 1 36 59 1 37 37 10 36 53 9 37 37	94 02 91 30 90 59 89 56 93 25	916 1000 1000 440 1071	59 59 61	61 60 61 9 59			1 2 3 1 2 3 1 2 3 1 2 3 C	LA BELLE LAKESIDE LAMAR LAMPE FOREST SERVICE LAMPE 4 NNE	4705	MILLER BARTON STONE STONE	8	40 07 38 12 37 30 36 34 36 38	91 55 92 37 94 16 93 26 93 24	595 960 -	66	24 23 20 73 13			1 2 3 4C 1 2 3 2 2 C
BOONVILLE WATER WORKS BOWLING GREEN BRAOLEYVILLE BROOKFIELD BRUNSWICK	0878 0980	COOPER PIKE TANEY LINN CHARITON	7 38 58 6 39 21 12 36 47 4 39 47 4 39 26	92 45 91 12 92 55 93 05 93 08	650 - 767 652	16 13 73	16 24 8 13 75		DEC	1 2 3 2 2 1 2 3 1 2 3	LATHROP 3 SW LEBANON 1 ENE LEES SUMMIT 1 N LEXINGTON LICKING 4 N	4846	CLINTON LACLEDE JACKSON LAFAYETTE 76XAS	7 7	39 31 37 41 38 56 39 11 37 33	94 23 92 39 94 23 93 53 91 54	1080 1240 - 688 1277	69	7 67 70 17			1 2 3 1 2 3 C 1 2 3 1 2 3
SUFFALO SUNLER SURLINGTON JUNCTION BUTLER SUTLER SUTLER	1101	OALLAS REYNOLDS NOOAWAY BATES BATES	9 37 38 1 37 27 7 40 26 9 38 16 9 38 18	93 05 91 13 95 04 94 20 94 20	1380 - 848 870	8 5	23 10 6 13 5			2 2 2 1 2 3 1 2 3	LINNEUS 2 S LIVONIA LOCKWOOD LOUISIANA STARKS NUR LOUISIANA	5014 5027 5093	LINN PUTNAM UADE PIKE PIKE	2 9	39 50 40 29 37 23 39 26 39 27	93 12 92 42 93 57 91 03 91 04	835 - 1076 469	48 60	13 58 73 11			2 C 1 2 3 C 1 2 3
CALIFORNIA CAMBENTON CAMPBELL CANTON LOCK DAM 20 CAP AU GRIS LOCK DAM	1212 1221 1275	MONITEAU CAMOEN OUNKLIN LEWIS LINCOLN	7 38 38 9 38 02 10 36 29 6 40 08 6 39 00	92 34 92 45 90 04 91 31 90 42	870 940 314 488	8 27 16	8 27 24	OCT	FEB	1 2 3 1 2 3 1 2 3 1 2 3	LUCERNE MACEDONIA LOOKOUT MACON MAOISON MALDEN CAA AP	5164 5175 5183	PUTNAM RIPLEY MACON MONROE OUNKLIN	2 6	40 27 36 45 39 45 39 28 36 36	93 18 90 54 92 28 92 12 89 59	875 297	55	13 10 61 20 13			2 C 2 1 2 3 C 1 2 3
CAPE GIRAROEAU MO STATE CAPE GIRAROEAU CAPLINGER MILLS CARROLLTON CARTHAGE	1304	C GIRAROEAU C GIRARDEAU CEOAR CARROLL JASPER	6 37 18 6 37 18 9 37 48 7 39 22 11 37 11	89 32 89 32 93 49 93 30 94 17	490 - 754 962	9 - 8 20	9 54 28 8 30			1 2 3 2 1 2 3 1 2 3 1 2 3	MALOEN 3 N MANSFIELD MARBLE HILL MARSHALL MARSHFIELD	5227 5253 5298	OUNKLIN WRIGHT BOLLINGER SALINE WEBSTER	12	36 36 37 06 37 18 39 07 37 20	89 58 92 35 89 58 93 11 92 54	295 440 775 1484	-	9 61 14 13	NAL		2 1 2 3 1 2 3 C 1 2 3 C
CARUTHERSVILLE CASSVILLE RANGER STA CENTERVILLE CENTERVILLE RANGER STA CENTRALIA	1467	PEMISCOT BARRY REYNOLOS REYNOLOS BOONE	9 36 11 12 36 41 1 37 26 1 37 26 6 39 12	89 39 93 52 90 57 90 57 92 08	270	58	62 14 9 18 18			1 2 3 2 C 2 2	MARTINSBURG MARYVILLE 7 NNW MCREDIE 2 W MCCREDIE 2 W MCCREDIE EXP STATION	5410	NGOAWAY	7 7 7	39 06 40 21 40 25 38 58 38 57	91 39 94 52 94 53 91 58 91 54	807 1169 1143	64	10			2 1 2 3 C C
CHADWICK CHARLESTON CHILLICOTHE 2 S CHILLICOTHE RADIO KCHI CLARKSVILLE LOCK DAM	1540	CHRISTIAN MISSISSIPPI LIVINGSTON LIVINGSTON PIKE	14 36 56 6 36 56 4 39 45 4 39 46 6 39 22	93 03 89 21 93 33 93 33 90 55	771 -	3	8 3 39 3			2 1 2 3 2 1 2 3	MEMPHIS MERCER 6 NW MEXICO MIOOLETOWN 5 NE	5541 5565	SCOTLANO MERCER AUGRAIN PIKE SULLIVAN	6 6	40 27 40 33 39 10 39 10 40 12	92 10 93 38 91 53 91 22 93 07	787 800	65	24 6 76 -			1 2 3 2 1 2 3 2 C
CLEARWATER OAM CLIFTON CITY CLINTON 1 NNW COLOMA COLOMA COLUMBIA W8 AIRPORT	1711 1773	WAYNE COOPER HENRY CARROLL 800NE	1 37 07 7 38 45 9 38 22 4 39 31 7 38 58	90 47 93 02 93 47 93 33 92 22	648 - - 778	61	14 6 67 5 14 10			1 2 3 C 2 1 2 3 C 2 1 2 3 4C	MILLER 2 SE MOBERLY RADIO KNCM MOMETT MORROE CITY MORA	5700	LAWRENCE RANGOLPH BARRY MONROE BENTON	6 8 6	37 11 39 24 36 55 39 39 38 32	93 48 92 26 93 55 91 44 93 13	1280 850 1310	7	17 7 31			1 2 3 C 1 2 3 C
CONCEPTION CONCORDIA COOK STATION CRAME MOUNTAIN CROCKER	1837 1870 1980	NOOAWAY LAFAYETTE CRAWFORD IRON PULASKI	7 40 16 7 38 59 5 37 48 10 37 27 9 37 57	94 41 93 34 91 27 90 38 92 15	1108 780 -	65	70 37 10 10 23			1 2 3 2 2 2 2 2	MOREHOUSE MOSELLE MOUNTAIN GROVE 2 N MOUNT VERNON 3 SW NEOSHO	5816 5834 5861	NEW MAORIO FRANKLIN WRIGHT LAWRENCE NEWTON	5 3 8	36 51 38 23 37 09 37 04 36 52	89 42 90 54 92 16 93 52 94 22	497 1463 1174 1011	53 42 67	43 9 7 54 71			2 2 1 2 3 C 1 2 3 1 2 3
	2043 2095 2156	JEFFERSON CRAWFORO MONTGOMERY PEMISCOT JEFFERSON	6 38 14 5 38 04 7 38 55 10 36 12 6 38 09	90 23 91 24 91 31 89 53 90 34	420 830 255	20	20 17 12 10			1 2 3 2 C	NEVAGA NEW BOSTON NEW FLORENCE NEW MAGRIO OATES TOWER	6007	LINN MONTGOMERY	7	37 50 39 57 38 55 36 35 37 32	94 22 92 51 91 27 89 31 91 03	870 - 880 295		62 6 12 60 9			1 2 3 C
OONIPHAN OONIPHAN 2 # OORA	2289 2294 2302	STOODARD RIPLEY RIPLEY OZARK SCHUYLER	10 36 47 1 36 37 1 36 37 12 36 46 6 40 29	89 58 90 50 90 51 92 13 92 22	344	50	30 50 9			1 2 3 2 C	OOESSA OREGON OREGON 1 NE OSCEOLA 3 NE OWENSVILLE	6357 6359 6407	LAFAYETTE MOLT NODAWAY ST CLAIR GASCONADE	7 9	39 00 39 59 39 59 38 05 38 21	93 58 95 09 95 08 93 39 91 30	898 1093 1040 2	98	6 98 13			2 1 2 3 C 2 C 2 C
EAST END EDGERTON EDINA ELOON ELOORAGO SPRINGS	2482	IRON PLATTE KNOX MILLER CEOAR	5 37 41 7 39 30 6 40 10 7 38 20 9 37 52	91 02 94 38 92 10 92 35 94 01	860 934	34 59	10 51 25 55 24			1 2 3 2 1 2 3 2 2 2	OZARK OZARK BEACH PACIFIC PALMYRA PARIS	6493		12	37 01 36 40 38 29 39 48 39 29	93 13 93 07 90 44 91 30 92 00	1150 700 - -	14	9 29 65 48 24			2 1 2 3 2 2 2
ELSBERRY	2547 2563 2591	OZARK REYNOLDS CARTER LINCOLN SHANNON	12 36 36 1 37 14 1 36 57 6 39 10 1 37 11	92 09 90 59 90 45 90 47 91 23	800 449 1250	23	9 14 10 23			2 2 2 1 2 3 C	PARMA PATTONSBURG PERRY PERRYVILLE PIERCE CITY	6633	NEW MAORID DAVIESS RALLS PERRY LAWRENCE	6	36 37 40 03 39 26 39 43 36 57	89 48 94 09 91 40 89 52 94 00	710	<b>'</b>	30 13 10			2 C 1 2 3
FAIRFAX FARMINGTOM FARMINGTON CAA AP FAYETTE FISK	2809 2811 2823	ATCHISON ST FRANCOIS ST FRANCOIS HOWARD BUTLER	7 40 20 10 37 47 10 37 46 7 39 09 10 36 47	95 24 90 26 90 24 92 41 90 12	896 898 760 330	43 5 74	6 57 5 71 24			2 1 2 3 6 1 2 3 1 2 3 2	PLEASANT HILL POLO POPLAR BLUFF PORTAGEVILLE POTOSI 2 S	6791	CASS CALOWELL BUTLER NEW MAORIO WASHINGTON	7 1 6	38 48 39 33 36 45 36 26 37 54	89 41	1018 332 282	49	16 8 50 2			2 2 1 2 3 1 2 3
FORSYTM FOUNTAIN GPOVE WILDLIFE FREDERICYTOWN FREMONT TOMER FULTON 4 SW	995 038 052	TANEY LIVINGSTON ADISON ARTER ALLAWAY	12 36 41 4 39 42 10 37 34 1 36 58 7 38 51	93 07 93 18 90 18 91 14 91 57	900 670 720 - 818	4 66	4 29 ~ 62			1 2 3 2 2 1 2 3 C	PRINCETON PUXICO OULIN REYNOLOS RICHMOND 7 N	6970	MERCER STOUDARD BUTLER REYNOLOS RAY	1	40 24 36 57 36 36 37 24 39 23	93 36 90 10 90 15 91 05 93 58	315	2	2 9 9			1 2 3 2 2 2
GALENA GALLATIM 2 NE GEFALD GOWFR 2 N GRANBY	31 78 33 00	STONE OAVIESS FRANKLIN CLINTON NEWTON	14 36 4F 4 39 56 5 38 24 7 39 39 8 36 55	91 20 94 36 94 15	985 1160		42 52 13			2 2 2 2 C	RICHWOODS RIDGEWAY 1 SE ROBY ROGERSVILLE 1 ENE ROLLA SCHOOL OF MINES	7214	WASHINGTON HARRISON TEXAS WEBSTER PHELPS	3 14 3	38 09 40 22 37 31 37 07 37 57	90 50 93 56 92 08 93 03 91 46	1395 1420 1202	1	11 12 70			2 C
GRANT CITY GREENVILLE 4 NAH GREGORY LANDING GROVESPRING MAILEY	3463 3483	WORTH WAYNE CLARK WRIGHT BARRY	4 40 29 10 37 11 6 40 16 3 37 24 12 36 42	94 25 90 28 91 30 92 37 93 46	1134 410 - -	50 45	62 47 4 5 33			1 2 3 C 1 2 3 2 2 2	ROLLA 5 SE ROLLA 3 W ROLLA 4 SE ROLLA 7 S ROUND SPRING	7265	PHELPS PHELPS PHELPS PHELPS SHANNON	5	37 54 37 57 37 56 37 51 37 18	91 43 91 50 91 43 91 46 91 25	1100 865 1040 970		10			2
MAMOEN 2 NE MAMI TON MANNIBAL MANNIBAL MANNIBAL MATER MORKS MAPPIS	3568 3596 3601 3641	CHARITON CALUWELL MARION MARION SULLIVAN	2 39 36 4 39 44 6 39 42 6 39 41 4 40 18		980 759 712	62	12 70	маү		1 2 3 C	SAINT CHARLES SAINT JAMES 3 NW SAINT JOSEPH WB AP SAINT LOUIS W8 AP SAINT LOUIS W8 CITY	7424 7440 7455 7460	BUCHANAN SAINT LOUIS ST L CITY	5 7 7 6	38 47 38 01 39 46 38 45 38 38	90 12	490 1005 809 552 465	44	76 82 23 17			1 2 3 C 1 2 3 C 1 2 3 C 1 2 3 C
MARRISONVILLE MAZLEGFEN 2 0 MENNIETT A MENNIETT A MERMANN MERMITAGE	3713 3779 3793 3799	CASS LACLEDE PAY GASCONADE HICKORY	9 38 39 3 37 46 7 39 14 7 38 42 9 37 56	94 20 92 27 93 56 91 27 93 19	693	76	79 5			1 2 3 2 C 1 2 3	SAINT LOUIS UNIVERSITY SAINT LOUIS WASH UNIV SALEM SALISBURY SAVERTON LOCK OAM 22	75 06 75 14 75 78	ST L CITY ST L CITY OENT CHARITON RALLS	. 6	38 38 38 39 37 38 39 26 39 38	90 14 90 19 91 33 92 48 91 16	578 537 1206 723 472	50	42 14 16 53 8 16			1 2 3 1 2 3 4C 1 2 3 C 1 2 3 1 2 3
MIGNEE 5 & MIGNEPOLINT 2 & MIGNEROVILLE HOUSTON 1 SE	3949 3999 4019 4021	HOHARO MONITEAU DUNKLIN TEXAS TEXAS	7 39 14 7 38 28 10 36 03 3 37 20 3 37 19	92 30 92 37 90 06 91 58 91 58		3	3			1 2 3 C	SEDALIA SELIGMAN SENECA SEYMOUR 4 NNE SHELBINA	7645	PETTIS BARRY NEWTON WEBSTER SHELBY	8	38 42 36 31 36 50 37 12 39 41	93 14 93 56 94 37 92 45 92 03	910 1542 - 1640 779	48	43 51 48 61			1 2 3 1 2 3 1 2 3 1 2 3
JACKSON JEFF CITY PADIO FOOS JEFFEROOM CI V JEROME JEBFI	4271 4276 4291	C GIRARDEAU COLE COLE PHELPS MAOISON	6 37 23 7 38 35 7 38 34 3 37 56 10 37 23	89 40 92 12 92 11 91 59 90 29	428 557 710	63 64	64 72 13 52			1 2 3 1 2 3 C 2 2	SHELBYVICLE SIKESTON SIKESTON CROP EXP FM SILOAM SPRINGS SKIOMORE	7770 7772 7780	SHELBY SCOTY NEW MAORIO HOWELL NDOAWAY	6 6 12 7	39 48 36 53 36 51 36 48 40 17	92 02 89 35 89 35 92 04 95 05	318	47	23 57 4 10			2 1 2 3 1 2 3 2 C

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Station	Index No.	County	Drainage;	Latitude	Longitude	Elevation		Precip.	0	urin	g yr	Refer	Station	Index No.	County	Drainage ‡	Latitude	Longitude	Elevation		Precip.	d	Open uring	sed yr.	Refer to tables
SPEED 2 W SPRING CITY SPRINGFIELD WB AP STANDERRY STEEVILLE 2 N	7967 7976 8033	COOPER NE N TON GREENE GENTRY CRANFORO	9	37 14	92 50 94 32 93 23 94 33 91 22	1265						2 C	VICHY CAA AP VIENNA 3 NW	8614 8620 8630	MARIES MARIES MARIES FRANKLIN JASPER	9 7	38 05 38 08 38 13 38 29 37 14	91 46 92 00 90 55	1	18	19				1 2 3 C
STEPPENVILLE STET 6 SE STOVER SULLIVAN 5 E SUMMERSVILLE	8063 8112 8171	LEWIS CARROLL MORGAN FRANKLIN TEXAS	7 7 5	39 21 36 27 36 13	91 53 93 41 93 59 91 04 91 40	1110	56	61 30 13 10				1 2 3 C	WAPPAPELLO OAM WARRENSBURG CENT T C WARRENTON 1 N WARSAW NO 1 WARSAW NO 2	6712 8725 8733	WAYNE JOHNSON WARREN BENTON BENTON	7 6 9	36 55 38 46 38 49 38 15 38 15	93 44 91 08 93 21	878		74				1 2 3 C 1 2 3 C 1 2 3 C 1 2 3
SUMMER 2 S = SWEET SPRINGS TARLID TECUMSEN 2 N TOPAZ n NE	82 23 62 69 83 13	LIVINGSTON SALINE ATCHISON OZARK DOUGLAS	7 7 12	38 56 40 27 36 37	93 17 93 25 95 23 92 17 92 12	660	3				-	2 1 2 3 1 2 3 C 2 2	WASHINGTON 3 S WASOLA WAVERLY WAYNESVILLE 2 W WEØSTER GROVES	8754 8768 8777	FRANKLIN OZARK LAFAYETTE PULASKI SAINT LOUIS	12 7 3	36 47 39 12 37 49	91 00 92 34 93 31 92 14 90 22	1294 790		14 39 8 9				C 1 2 3 C 2 1 2 3 1 2 3
TRENTON TROY TYRONE 2 N UNION 1 SE UNIONVILLE	8456 8498 8515	GRUNDY LINCOLN TEXAS FRANKLIN PUTNAM	1 5	36 59 37 12 38 27	93 37 90 59 91 53 90 59 93 00	1380	16	23 37				1 2 3 C 2 C 1 2 3 1 2 3		8880 8960 8984	ST GENEVIEVE HOWELL CALLAWAY WAYNE HOWELL	7	36 44 38 55 36 58	90 13 91 51 91 45 90 33 91 59	1005 820	17	14 17 30 47			JULY	1 2 3 1 2 3 C C
VALLEY PARK VAN BUREN 1 S VANDALIA VANZANT ~ SE VERSAILLES	8569 8577 8585	SAINT LOUIS CARTER AUDRAIN DOUGLAS MORGAN	6 12	36 59 39 18 36 56	90 29 91 01 91 30 92 16 92 51	500 766	10	10				2 2 1 2 3 2 1 2 3	WILLOW SPRINGS FOR SER WINOSOR 3 NW ZALMA 5 E	9032	HOWELL JOHNSON BOLLINGER	9	36 33	91 59 93 33 89 59	-	6	6 17				1 2 3 2

I DRAINAGE CODE: 1. BLACK 2. CHARITON 3. GASCONADE 4. GRAND 5. MERAMEC 6. MISSISSIPPI 7. MISSOURI 8. NEOSHO 9. OSAGE 10. SAINT FRANCIS 11. SALIME 12. SPRING 13. TARKIO 14. WHITE

### REFERENCE NOTES

Unless otherwise indicated, dimensional units used in this hulletin are: Temperature in °F; precipitation and evaporation in inches, and wind movement in milee.

Evaporation is measured in the standard Weather Bureau type pan of 4 font diameter unless otherwise shown by footnote following Table 4.

The four digit identification numbers in the Index are assigned on a state hasis. There will he no duplication of numbers within a state.

Figures and letters following the station name, such as 12 SSW, indicate distance in miles and direction from the post nffice.

Delayed data and corrections will be carried in the June and December issues of Climatological Data.

Data for recorder stations denoted by "C" are processed for special purposes and published in "Hourly Precipitation Data". Length of record for recorder-only stations may be found in the annual issue of "Hourly Precipitation Data".

Additional information regarding the climate of Missouri may he obtained by writing to any Weather Bureau Office or to the State Climatologist at Weather Bureau Office, Suite 1010, New Federal Building, St. Louis 1, Missouri.

- Nn record.
- + Also later date (dates) or months.
- Amount included in following measurement.
- // Gage is equipped with a windshield.
- B Adjusted to full month.
- E Amount is wholly or partially estimated.
- M Less than a complete month of record available; if average value is entered, less than 10 days of record are missing; see monthly Climatological Data for detailed daily record.
- R Amounts from recording gage. (These amounts are essentially accurate hut may vary slightly from the amounts to he published later in Hourly Precipitation Data.)
- T Trace, an amount the small to measure.
- V Includes total for previous month.

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